

Jeb Bush
Governor

Northeast District
7825 Baymeadows Way, Suite B200
Jacksonville, Florida 32256-7590

David B. Struhs
Secretary

February 20, 2004

Mr. Ken Shoemake
Environmental, Health and Safety Manager
Perma-Fix of Florida, Inc.
1940 NW 67th Place
Gainesville, Florida 32653

Dear Mr. Shoemake:

Perma-Fix of Florida, Inc.
DEP/EPA ID FLD 980 711 071
Alachua County - Hazardous Waste

Thank you for your assistance during the hazardous waste RCRA compliance evaluation inspection conducted by the Department at your facility on September 24, 2003.

Based on this inspection, your facility was found to be in violation of Florida Statutes and Rules concerning hazardous waste. The violation is set forth in the "Summary of Violations and Corrective Actions" section of the inspection report. Subsequent to the inspection you submitted information to the Department stating that the violation had been corrected. Since your facility has returned to compliance no enforcement action will be taken.

Your continued cooperation is appreciated. If you have any questions regarding this report or hazardous waste regulations in general, please contact me at (904) 807-3300, ext. 3369.

Sincerely,

Alan A. Annicella

Alan Annicella
Environmental Specialist
Hazardous Waste Section

ABP
Enclosure

AAA:aa



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HAZARDOUS WASTE INSPECTION REPORT

1. INSPECTION TYPE: ☒ Routine ☐ Complaint ☐ Follow-up ☐ Permitting

FACILITY NAME: Perma-Fix of Florida, Inc. DEP/EPA ID #: FLD 980 711 071

STREET ADDRESS: 1940 NW 67th Place, Gainesville, Florida 32653

MAILING ADDRESS: same as above

COUNTY: Alachua PHONE: (352) 373-6066 DATE: 9/24/03 TIME: 10:30 a.m.

HW Facility Status

- ☐ Non-handler
- ☐ CESQG
- ☐ SQG
- ☒ LQG
- ☐ Transporter
- ☐ Transfer facility
- ☒ TSD
- ☒ SQH
- ☒ LQH

Used Oil Facility Status

- ☒ Generator
- ☒ Transporter
- ☒ Transfer facility
- ☒ Marketer
- ☐ Processor
- ☐ On-spec. burner
- ☐ Off-spec. burner
- ☐ Filter generator
- ☒ Filter transporter
- ☒ Filter transfer facility
- ☐ Filter processor

Hg Facility Status

- ☐ Exempt
- ☐ Generator
- ☒ Transporter
- ☐ Hg recovery facility
- ☐ Hg reclamation facility

PCW facility status

- ☐ Producer
- ☒ Transporter
- ☐ Recovery facility

2. APPLICABLE REGULATIONS:

- | | | | |
|--|--|---|---|
| <input type="checkbox"/> 40 CFR 261.5 | <input checked="" type="checkbox"/> 40 CFR 262 | <input type="checkbox"/> 40 CFR 263 | <input checked="" type="checkbox"/> 40 CFR 264 |
| <input checked="" type="checkbox"/> 40 CFR 265 | <input checked="" type="checkbox"/> 40 CFR 266 | <input checked="" type="checkbox"/> 40 CFR 268 | <input checked="" type="checkbox"/> 40 CFR 270 |
| <input checked="" type="checkbox"/> 40 CFR 273 | <input checked="" type="checkbox"/> 40 CFR 279 | <input checked="" type="checkbox"/> 62-737, FAC | <input checked="" type="checkbox"/> 62-740, FAC |

3. RESPONSIBLE OFFICIAL: Mr. Raymond Whittle, Facilities Manager

4. INSPECTION PARTICIPANTS: Ken Shoemake, PFF

Alan Annicella and Chris Bodin, FDEP

5. LATITUDE/LONGITUDE: 29°42'8" / 82°20'51"

6. TYPE OF OWNERSHIP: private federal state county municipal

7. PERMIT #: 17680-006-HO ISSUE DATE: 5/24/02 EXP. DATE: 6/8/05

PROCESS DESCRIPTION:

Perma-Fix of Florida, Inc. (Perma-Fix), a subsidiary of Perma-Fix Environmental Services, is a Large Quantity Generator and a permitted hazardous waste storage facility. The facility's processes include liquid and sludge bulking, scintillation vial and other small container crushing and shredding, repackaging of solid wastes contaminated by hazardous wastes, stabilization of wastes in containers, thermal desorption and/or chemical oxidation, used oil handling, petroleum contact water (PCW) transportation and consolidation and storage of discarded mercury-containing devices. The facility is currently accepting waste generated by CERCLA activities. This inspection was unannounced.

Perma-Fix was issued permit number 17680-006-HO on May 24, 2002. The permit is for the operation of a hazardous waste treatment, storage facility consisting of a tank, two container storage areas, and two miscellaneous treatment units, and implementation of HSWA Corrective Action Requirements.

Liquid Scintillation Fluid (LSF) Processing in the Non-Hazardous Waste Storage Building

Liquid Scintillation Fluid Processing:

Perma-Fix is primarily a waste processing and liquid bulking operation for LSF. Scintillation fluids emit traceable amounts of radiation when exposed to a radiation source. These fluids are generally used by hospitals and research institutes as tracer fluids. The LSF contain small amounts of xylene and toluene and may be radioactive. The LSF is therefore regulated under the Resource Conservation and Recovery Act (RCRA) as F003/F005 hazardous waste, and, if radioactive, as a Mixed Waste under RCRA and Nuclear Regulatory Commission (NRC) rules. Approximately 90% of the LSF arrives in vials, and the remaining 10% arrives in bulk drums. The facility processes an average of 500 containers of drummed LSF vials/bulked LSF per month.

After the paperwork corresponding to each drum has been checked, the drums are tagged and staged in the temporary holding area before processing. During staging, the drums are segregated by generator. During processing, each generator's waste is processed separately. The drum lids are removed, the drums are lifted by a hoist and the contents are emptied onto a shaker screen. Packing materials (e.g. vermiculite) that fall into a catch basin are tested for radioactivity and transferred to a roll-off container. The packing material is manifested to Covanta in Okahumpka, Florida as non-hazardous solid waste.

The glass and plastic vials that remain on top of the shaker table are conveyed to a crusher. The fluid in the vials is drained into a basin and transferred into one of two 80-gallon test tanks. The fluids are tested for radioactivity and then pumped to totes in the permitted storage area, or are temporarily containerized to facilitate radioactive decay.

The crushed plastic/glass vials are triple washed in ethanol and water. The ethanol/water wash is changed after approximately 30 drums of LSF vials have been processed. The D001 waste

ethanol is transferred to a tote in the permitted storage area. The waste glass/plastic is transported to Covanta for disposal as non-hazardous waste.

Liquid wastes, including LSF and hazardous waste liquids, also arrive at the facility in bulk containers or tanker trucks. Liquid wastes that test negative radiologically and have waste codes D001/F003/F005 are bulked into 550-gallon totes pending future transfer into a tanker truck. Hazardous waste liquids that test positive radiologically are temporarily containerized to facilitate radiological decay. Liquid wastes (including rinsewater from the LSF process) that can be burned for energy recovery are manifested to Giant Cement Company (Harleyville, South Carolina) as F001/F002/F003/F005/D001/D004/D005/D006/D007/D008/D009/D010/D011/D018/D019/D027/D028/D029/D035/D040/D043/U122 hazardous waste. All other liquid wastes, particularly hazardous wastes that contain a high percentage of water, are manifested to EQ Resource Recovery, Inc. (Romulus, Michigan) as F001/F002/F003/F005/D001/D004/D005/D006/D007/D008/D009/D010/D011/D018/D019/D027/D028/D029/D035/D040/D043/U122 hazardous waste.

Permitted Miscellaneous Treatment Unit:

Perma-Fix is allowed to conduct hazardous debris treatment in the hazardous debris vat. This hazardous debris vat is located in the LSV Processing Area, but is segregated from the processing area by a berm.

Non-Hazardous Waste Storage Area:

Perma-Fix is currently registered as a used oil transporter, marketer, oil filter transporter, oil filter transfer facility, petroleum contact water (PCW) transporter and mercury-containing lamps storage facility. The non-hazardous waste building is used to store used oil, oily wastewater, and other non-hazardous wastes. The building is constructed of a concrete slab and has a secondary containment berm.

Non-hazardous solid wastes, including used oil, used oil filters, oily sludge and oil-contaminated solids and vermiculite, are stored in 55-gallon drums and 550-gallon totes. Used oil and used oil filters are sent to Covanta for recycling and energy recovery. Oily water is sent to Industrial Water Services, Inc. for disposal. Oily sludges and solids are sent to either Soil Treatment Services, Inc. or Kleen Soil. Used vermiculite is bulked and shipped to Covanta for processing. Petroleum contact water (PCW) is transported to Industrial Water Services for processing and disposal.

All drums and totes holding used oil or used oil filters in the area were in good condition and were properly labeled.

Spent mercury-containing lamps are stored in the northeast corner of the building. Spent mercury-containing lamps are shipped to AERC, Inc. for reclamation. The accumulation area was labeled, pursuant to Florida Administrative Code (FAC) 62-737. There were no containers of spent lamps on site at the time of inspection.

Maintenance Shop:

The facility maintains one parts washer in the maintenance shop that contains diesel fuel as a solvent, generating a non-hazardous waste parts washer fluid. The facility generates less than 55 gallons per year of this waste stream, which are added to the used oil in the fuel blending area for energy recovery as needed. Used batteries are picked up by Interstate Battery or shipped to AERC, Inc. for recycling as needed.

There was one drum of used oil filters and one drum of used oil. Both were appropriately labeled and in good condition.

Outside of the Building:

Staged outside of the building there were six roll-off containers of non-hazardous oily solids and sludges. These containers were awaiting shipment to Covanta for proper disposal. There was one labeled roll-off of hazardous waste solids destined for Chemical Waste Management, Emelle facility. These wastes are sent to Perma-Fix from off-site sources. At Perma-Fix the wastes are composited into these roll-off containers prior to off-site shipment for disposal. Perma-Fix is storing hazardous waste in a non-permitted area. **This is a violation of Section 62-730.240, Florida Administrative Code.** *Subsequent to the inspection, Perma-Fix submitted information to the Department stating hazardous waste would only be stored permitted units.*

Processing and Storage Building

The Processing and Storage Building is a permitted hazardous waste container and tank storage area, as well as a fuel-blending location that includes phase separation treatment. The Processing and Storage Building consists of a roofed and bermed storage structure with a concrete floor, appropriate secondary containment and sumps. At the time of inspection, the facility appeared to be operating within its permitted storage capacity. The hazardous waste containers that were examined were properly labeled and closed, and had been dated with the storage start date. Pallets are used for stacking drums a maximum of two high, with a maximum of four 55-gallon drums per pallet.

The 3,000-gallon AST is located in the approximate center of the permitted container storage area. The tank has appropriate secondary containment and a sump to contain any spillage. At the time of this inspection, the AST was empty and all mixed-waste LSF liquids and rinseate were being stored in 550-gallons totes.

The majority of waste consolidation and fuel blending occurs in the east side of the permitted TSD building, adjacent to the 3,000-gallon AST. Hazardous wastes that arrive in drums are consolidated into tanker trucks for fuel blending. Containerized hazardous wastes that contain a high percentage of solids or sludge are sometimes blended with liquids from one of the 550-gallon totes to obtain a mixture that can be pumped into a tanker truck. The mixture is then manifested to Giant Cement Company, as previously described. All containers of hazardous waste in the fuel blending section of the permitted storage area were properly closed, labeled and dated.

Treatment and Operations Building

The southeast corner of this building is currently occupied by Perma-Fix Analytical Services. The laboratory performs fingerprint analyses on each incoming waste stream to confirm that waste received at Perma-Fix of Florida, Inc. conforms to the initial waste profile.

The lab is split into two sections, one section for hazardous waste testing and one section for mixed waste testing. There was no hazardous waste accumulating in the Gas Chromatography (GC) room. The Metals Lab contained one satellite container for waste acidic water designated D002/D006/D007/D008/D009/D010. The container was closed and properly labeled. The Flash/Total Halogens Lab is organized into several workstations. Each station contained closed and labeled satellite containers for F003/F005 waste glass and plastic.

Waste liquids, glass and plastic generated in the laboratories are managed as hazardous waste and are transferred to the LSF processing area for liquid recovery. Waste glass and plastic are processed through the LSF area and are shipped to Covanta as non-hazardous solid waste.

The permitted storage area located in the Treatment and Operations Building (TOB) has seven different zones. A maximum volume of 35,200 gallons of hazardous waste can be stored in the TOB. Based on a visual inspection the volume of hazardous waste in the TOB is less than 35,200 gallons. In addition, it appears that Perma-Fix is not exceeding the volume limits for each the individual storage zones as stipulated in Attachment B of the permit. The container storage area includes a containment system that consists of a 6" by 6" concrete berm to prevent run-off.

The Perma Fix-I (PF-I) and Perma Fix-II (PF-II) operation occupy the northeast portion of this building. Both PF-I and PF-II processes are conducted in a Quonset Hut in this building. PF-I process consists of stabilization and fixation treatment. This is conducted primarily in 55-gallon drums. The PF-II process consists of thermal desorption and/or chemical oxidation batch treatment of 110-gallons or less. Liquid wastes generated by this process are manifested off-site to DSSI in Kingston, Tennessee. The solids are accumulated on-site and are manifested off-site to Envirocare of Utah, Inc. in Salt Lake City, Utah. Emissions from these treatment operations are contained and treated by thermal oxidation.

During the inspection, records documenting the treatment procedures and operation log of the monitoring equipment were reviewed. Based upon the review of these documents, Perma-Fix is meeting the requirements of the specific conditions listed under Part III of the permit.

In addition, randomly selected records for inbound shipments of waste were reviewed for compliance for required waste screening, selected treatment and final disposal history. No discrepancies were noted during this record review.

RECORD REVIEW:

A review of the facility's manifests, operating records, including the operation log for the stipulated requirements for Part V of the permit, biennial reports, annual reports of used oil and PCW activities, arrangements with local authorities, training records, inspection logs, and waste minimization plan revealed no discrepancies. The contingency plan was on-site and up-to-date.

Perma-Fix of Florida, Inc. is currently a Large Quantity Generator of hazardous waste and a permitted TSD facility. A list of facilities that Perma-Fix sends their waste to is attached to this report.

SUMMARY OF VIOLATIONS AND CORRECTIVE ACTIONS:

Section 62-730.240, Florida Administrative Code – Permitted Facilities

VIOLATION:

Facility is storing hazardous waste in a non-permitted hazardous waste unit.

CORRECTIVE ACTION:

No further action is required. Subsequent to the inspection Perma-Fix submitted information to the Department stating that they would no longer store hazardous waste in the non-permitted unit.

Site Inspector:

Alan A. Annicella 2/20/04
Alan Annicella Date
Environmental Specialist
Hazardous Waste Section

Site Inspector:

Christopher L. Bodin 2-20-04
Christopher Bodin Date
Permitting Engineer
Hazardous Waste Section

Approved by:

for DBR/hf 2/20/04
Vicky G. Valade Date
Environmental Manager
Hazardous Waste Section

Approved by:

DBR/hf 2/20/04
Ashwin B. Patel Date
Hazardous Waste Supervisor
Hazardous Waste Section

The following facilities are used for disposal, reuse or recycling of wastes from the Gainesville operation:

Facility/EPA ID Number	LOCATION/PHONE	WASTE ACCEPTED
AERC, Inc. FLD984262782	West Melbourne, Florida (8080) 808-4684	Batteries, Fluorescent Lamps, Mercury
Chem-Nuclear N/A	Barnwell, South Carolina (803) 259-1781	Radioactive solids
Chemical Waste Management, Emelle Facility ALD000007237	Alabama Hwy 17 at Mile Marker 163 (205) 652-9721	Hazardous & Non-hazardous debris
Covanta N/A	Lake County, Florida (352) 365-1611	Non-hazardous waste for energy recovery Oil/Absorbent/Filters
Detrex NCD049773245	Charlotte, North Carolina (704) 372-9280	Halogenated solvents for recycling
DSSI (A subsidiary of Perma-Fix Environmental Services) TND982109142	Kingston, TN (865) 376-0084	Mixed waste (liquids)
Envirocare of Utah, Inc. UTD982598898	Salt Lake City, Utah (801) 532-1330	Mixed and radioactive solids
EQ Resource Recovery, Inc. OMID060975844	Romulus, Michigan (734) 326-3100	Hazardous waste (waters)
Giant Cement SCD003051699	Harleyville, South Carolina (800) 786-0477	Fuels to kilns
GTS Duratek N/A	Oak Ridge, Tennessee (865) 481-0222	Rad solids, incineration/ super-compaction; rad water for incineration
Holnam, Inc. SCD003368891	Holly Hill, South Carolina (803) 496-7303	Fuels to kilns
Industrial Water Services, Inc. FLD981928484	Jacksonville, Florida (904) 354-0372	Oil / Water
Perma-Fix of Georgia, Inc. GAD093380814	Valdosta, Georgia (229) 244-0474	Fuel Blend, Hazardous/Non hazardous
Perma-Fix of Michigan, Inc. MID096963194	Wyandotte, MI (800) 282-9251	Hazardous/Non hazardous (solids)
Perma-Fix of Orlando, Inc. FLD980559728	Orlando, Florida (407) 859-4441	Lab packs & aerosols
Photo Waste Control FLD984229609	Longwood, Florida (407) 328-9651	Photo solutions with metals
Soil Treatment Services, Inc. N/A	Kissimmee, Florida (407) 933-8414	Petroleum impacted soils for incineration
Kleen Soil N/A	Palmetto, FL (941) 723-2700	Petroleum impacted soils for incineration

Terris for Chemo/Pharma waste

www.perma-fix.com/florida • phone (352) 373-6066 • fax (352) 372-8963 • floridasales@perma-fix.com

C:\Documents and Settings\CWilkerson\CJWMasters\HHW\PF07-03.wpd

Revised July 18, 2003

GENERAL INFORMATION

Facility Name: Perma-Fix Date: September 24, 2003
 Facility Representative: Ken Shoemaker Facility ID #: FLD 980 711 071
 SIC Codes: TSD facility Inspector: Alan A. Annicella
Alan A. Annicella

40 CFR 262 Subpart A -- General Standards

1. Describe the facility's hazardous waste streams:

WASTE DESCRIPTION	EPA Waste Codes	Generation Rate	Disposal Facility and EPA ID	Correct ID?	Testing or Process Knowledge
Hazardous waste liquids	D006/D007/D008/ D015/D039/D040/ D022/F003/F005/ F001/F002	varies	Chem Waste Management, Ewell ALD 000 622 464	Y	Test/Process
Flammable liquid wastes	D001/D004/D005/ D006/D007/D009/ D009/D010/D011/ D018/D019/D027/ D028/D029/D035/ D040/D043/F001/ F002/F003/F005/U122	varies	Giant Cement SCD 003 351 699	Y	
Various hazardous wastes	varies	varies	Perma Fix of Florida FLD 980 559 728		
Liquid hazardous wastes	D001/D004/D005/D006/ D007/D008/D009/D010/ D011/D018/D019/D021/ D022/D028/D029/D035/ D039/D040/D043/F001/ F002/F003/F005/U122	varies	EQ Resources Recovery, Inc. MID 060 975 844	Y	
Mixed wastes	D001/D005/D007/D008/D009/ D010/D012/D013/D014/D015/ D016/D017/D020/D022/D023/ D024/D025/D026/D027/D031/ D032/D033/D034/D037/D038/ D039/D040/D043/F001/F002/ F003/F004/F005/U154	varies	Diversified Scientific Services, Inc. TND 982 109 142	Y	

(describe discrepancies in waste identification in narrative)

2. Has the facility obtained an EPA ID number? (40 CFR 262.12) Y X N _____
3. Is the facility disposing of all its hazardous wastes to facilities permitted to accept the waste? Y X N _____
4. Are any hazardous wastes treated or disposed of on site?
Describe in narrative. Y X N _____
5. Is the facility exempt from hazardous waste permit requirements?
Describe in narrative. Y _____ N X

40 CFR 262 Subpart B -- The Manifest

1. Does the facility use a manifest for all its hazardous wastes? (262.20) Y X N
2. Is the facility using the correct form (EPA 8700-22; OMB #2050-0039)? Y X N
3. Does the facility ship by rail or water? (If so, check 262.23(c)) Y N X
4. Is the manifest filled out properly? Y X N

Item No.:

- | | | |
|--------|---|-------------------------|
| 1. | -Generator EPA ID # | Y <u>X</u> N <u> </u> |
| | -5 digit manifest document # | Y <u> </u> N <u> </u> |
| 3. | -Generator name and mailing address | Y <u> </u> N <u> </u> |
| 4. | -Generator phone # | Y <u> </u> N <u> </u> |
| 5-8. | -Transporter names and ID #s | Y <u> </u> N <u> </u> |
| D-F. | -Transporter phone # (state requirement) | Y <u> </u> N <u> </u> |
| 9. | -TSD name and mailing address | Y <u> </u> N <u> </u> |
| 10. | -TSD # EPA ID # | Y <u> </u> N <u> </u> |
| H. | -TSD Phone # (state requirement) | Y <u> </u> N <u> </u> |
| 11. | -DOT description of the waste, including hazard class, ID # and packaging group | Y <u> </u> N <u> </u> |
| 12. | -Container # and type | Y <u> </u> N <u> </u> |
| 13-14. | -Quantity of waste and units | Y <u> </u> N <u> </u> |
| I. | -EPA waste code (state requirement) | Y <u> </u> N <u> </u> |
| K. | -Handling codes (state requirement) | Y <u> </u> N <u> </u> |
| 16. | -Name, handwritten signature of generator and date | Y <u> </u> N <u> </u> |
| 17-18. | -Name, handwritten signature of transporter and date | Y <u> </u> N <u> </u> |
| 19. | -Are any manifest discrepancies noted? | Y <u> </u> N <u>X</u> |
| 20. | -Name, handwritten signature of TSD and date | Y <u>X</u> N <u> </u> |

Number of manifests examined 25
 Number of errors 0

Note manifest document numbers and dates of manifests with errors below:

Manifest #	Date	Destination	Error(s)

5. Have any exception reports been filed? (262.42) Y N X
 If so, did exception reports include legible copy of manifest and cover letter? Y N a/q
6. Are manifests retained for 3 years? Y X N

40 CFR 262 Subpart C -- Pre Transport Requirements

1. Does the facility accumulate the waste on-site prior to treatment or disposal? Y X N _____
 Circle applicable accumulation units:
Containers Tanks Drip Pads Containment Buildings
2. Are containers used to ship the waste off-site? Y X N _____
3. Are any containers on-site prepared for shipment? Y X N _____
 - a. If so, are the containers appropriate for the waste? (262.30) Y X N _____
 - b. Are the correct diamond-shaped DOT hazard class container labels used? (262.31) Y X N _____
 - c. Are containers of 110 g or less marked with the correct DOT shipping name and number? Y X N _____

Is a label with the language required under 262.32(b) used? Y X N _____

Is the generator's name, address and manifest document number on the label? Y X N _____
 - d. Are placards available to be provided to the transporter? (262.33) Y X N _____
 - e. Are bulk packagings used (over 400 kg solid or 118 g liquid)? Y X N _____
 - f. Are they marked and placarded properly? Y X N _____

40 CFR 262 Subpart C -- Accumulation Requirements

1. Does the facility comply with the 90-day accumulation time limit? Y X N _____ (262.34(a)) (Complete tank, container and/or drip pad checklists for units accumulating waste.)
2. If not, has the facility been issued an extension by the Department? Y _____ N 11/9 n/a (262.34(b))
3. Is each container marked with the beginning date of accumulation? Y X N _____ (262.34(a)(2))
4. Is each container and tank marked with the words "Hazardous Waste"? Y X N _____ (262.34(a)(3))
5. Are satellite accumulation points used? Describe in narrative. Y X N _____
6. Are satellite containers closed ((262.34(c)) and marked with the words "hazardous waste" or other words that describe the contents? Y X N _____
7. Do satellite accumulation points hold 55 gallons of waste or less? Y X N _____
8. If not, is the excess marked with the date the excess waste began accumulating? (The date must be within 3 days of the date of inspection (262.34(c)(2)) Y _____ N 11/9

Permitted
Facility

40 CFR 262 Subpart C -- Personnel Training -- (265.16)

1. Do facility personnel complete hazardous waste training? Y X N
Comments:
2. Is the trainer adequately trained in hazardous waste management procedures? Y X N
3. Does the training cover safety? Y X N
4. Does the training cover emergency response procedures, including equipment handling and inspection? Y X N
5. Does the training cover hazardous waste identification and handling procedures? Y X N
6. Does the facility maintain personnel training records? Y X N
7. Does the facility maintain job titles and position descriptions for employees managing hazardous waste? Y X N
8. Do the job descriptions include the requisite skills, education and experience? Y X N
9. Do the job descriptions include a list of the positions' duties? Y X N
10. Are people trained within 6 months of hiring? Y X N
11. Do they work unsupervised prior to training? Y N X
12. Is training reviewed annually? Date of last training 3/17/03 Y X N
13. Are records maintained for three years? Y X N

265 Subpart C -- Preparedness and Prevention

1. Is there evidence of a fire, explosion or release of hazardous waste or hazardous waste constituents to the environment? (265.31) Y N X
2. Does the facility have an internal communication or alarm system? (265.32(a)) Y X N
3. Is there a telephone, alarm, 2-way radio or other device at the scene of operations immediately available and capable of summoning assistance? (265.32(b)) Y X N
4. Describe fire control equipment. Is it adequate? (265.32(c)) Y X N
5. Is spill control and decontamination equipment present? (265.32(c)) Y X N

6. If sprinklers, water hoses or foam producing equipment is part of the facility fire control equipment, is water available at adequate volume and pressure? (265.32(d))

Y ☒ N ☐

7. Is the emergency equipment inspected and tested periodically?

Y ☒ N ☐

Frequency? daily/monthly/yearly

8. Is there adequate aisle space to allow unobstructed movement of facility personnel and emergency equipment to any area of the facility where needed? (265.35)

Y ☒ N ☐

9. Has the facility made emergency response arrangements with the following: (265.37)

Fire Department: _____

Y ☒ N ☐

Police: _____

Y ☒ N ☐

Hospital: _____

Y ☒ N ☐

Emergency Response Contractor: _____

Y ☒ N ☐

10. If not, has the facility attempted to do so and is the refusal documented?

Y ☐ N ☒ n/a

265 Subpart C -- Contingency Plans and Emergency Response

1. Does the facility have a contingency plan? 265.51)

Y ☒ N ☐

2. Is it at the facility and easily available? (265.53)

Y ☒ N ☐

3. Does the plan include:

Fire Response Procedure:

N/A ☐ Y ☒ N ☐

Spill Response Procedures:

N/A ☐ Y ☒ N ☐

Explosion Response Procedures:

N/A ☐ Y ☒ N ☐

A description of arrangements with local authorities:

N/A ☐ Y ☒ N ☐

Emergency Coordinators: (Name) Raymond Whittle

Y ☒ N ☐

Addresses and telephone numbers of Emergency Coordinators:

Y ☒ N ☐

Emergency equipment list:

Y ☒ N ☐

Specifications and capabilities of emergency equipment:

Y ☒ N ☐

Locations of emergency equipment:

Y ☒ N ☐

An evacuation plan and routes:

Y ☒ N ☐

Evacuation/alarm signals:

Y ☒ N ☐

4. Is the plan up to date, with no changes to the list of emergency equipment, list of emergency coordinators, applicable regulations or contingency plan failures since the last revision?

Y ☒ N ☐

5. Has the plan been distributed to the local police, fire department, ERT and hospital? Circle omitted authorities. (265.53)

Y ☒ N ☐

6. Is the emergency coordinator authorized to commit funds for incident response?

Y ☒ N ☐

40 CFR 262 Subpart D -- Record keeping and Reporting

1. Is the generator keeping the following records:

Biennial Reports (262.41)

N/A Y X N

Exception reports (262.42)

N/A Y X N

Test Results:

N/A Y X N

2. Where are records kept? on-site

3. Who is in charge of keeping records? Name Ken Shoemaker

Title EHS Manager

4. Any additional reporting, such as contingency plan implementation reports? (262.43) NA Y X N

5. Are records kept for a minimum of 3 years? Y X N

40 CFR 262 Subpart E -- Exports N/A X

1. Has the facility exported any hazardous waste? Y N

2. Has the exporter notified EPA 60 days prior to the initial shipment? Y N

3. Has the receiving country consented to receive the waste? Y N

4. Has a copy of the EPA Acknowledgment of Consent accompanied the shipment? Y N

5. Did the shipment conform, and was the manifest completed as required by 40 CFR 262.54? Y N

6. Has the exporter received confirmation of delivered shipment? Y N

7. Has the exporter submitted an annual report to EPA? Y N

8. Are all records kept a minimum of three years? (262.57) Y N

40 CFR 262 Subpart F -- Imports N/A X

1. Has the facility imported any hazardous waste? Y N

2. Has the manifest been completed per 262.60(b)? Y N

HAZARDOUS WASTE STORAGE AND HANDLING INSPECTION CHECKLIST

1. Are the containers in good condition (265.171)?
(Check for leaks, corrosion, bulges, etc.) Yes ☒ No ☐
 2. If a container is found to be leaking, does the operator transfer the hazardous waste from the leaking container? Yes ☒ No ☐
 3. Is the waste compatible with the containers and/or its liner (265.172)? Yes ☒ No ☐
 4. Are the containers kept closed except when adding or removing wastes (265.173(a))? Yes ☒ No ☐
 5. Are containers holding hazardous waste opened, handled or stored in such a manner as to cause the container to rupture or leak (265.173(b))? If yes, explain using narrative. Yes ☐ No ☒
 6. Are each of the containers inspected at least weekly? (265.174) Yes ☒ No ☐
- Are records kept including: (62-730.160 (6) F.A.C.)
- | | | |
|---|---|-----------------------------|
| Date? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| Time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| Legibly written name of the inspector? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| Number of Containers? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| Condition of containers? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| Notes of observations made? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| Date and nature of repairs or corrective actions? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
7. Are ignitable and reactive wastes stored at least 50 feet from the property boundary? (265.176) Yes ☒ No ☐
 8. Are incompatible wastes stored in the same containers? Yes ☐ No ☒
 9. Are containers holding incompatible wastes kept apart by physical barrier or sufficient distance? (265.35) Yes ☒ No ☐
 10. Is there sufficient aisle space allow to allow full inspection of the containers and labels? (62-730.160(7) F.A.C.) Yes ☒ No ☐

LAND DISPOSAL RESTRICTIONS GENERATOR CHECKLIST

Facility Name: Aerma Fix Date: September 24, 2003
 Facility Representative: Ken Shumake Facility ID #: FLD 980 711 071
 SIC Codes: TSD facility Inspector: Alan Annicella
Alan A. Annicella

40 CFR Part 268

1. Does the generator manage any waste streams that are not restricted from land disposal? (268.1) Y N X

If so, Identify waste and exemption: [268.1(c and e)]

Waste	Exemption
	Case by case exemption under 268.5 for a specific waste from a specific facility.
	Approved "no migration" petition under 268.6.
	National Capacity Variance Expiration date: _____
	Decharacterized nonlisted wastes disposed of to a hazardous or non hazardous injection well, provided D001 high TOC wastes and D012-17 pesticide wastes meet treatment standards before injection.
	Wastes identified as hazardous after November 8, 1984 for which EPA has not promulgated treatment standards.
	De minimus losses to wastewater treatment systems.
	Laboratory wastes mixed with other plant wastewaters at facilities where the discharge is subject to the Clean Water Act.

2. Does the facility dilute any restricted waste stream as a substitute for treatment? (268.3(a)) Y N X

If so, does the facility only dilute wastes that are hazardous only because they exhibit a characteristic (except for D003 cyanide wastes or wastes such as High TOC D001 wastes that have a specified treatment technology) in CWA regulated waste water treatment or pretreatment units? (268.3(b))

Y N n/a

3. Does the facility treat hazardous waste on site in tanks, containers or containment buildings? Describe in narrative. Y X N

If so, is the treatment to render the waste non-hazardous or to meet LDR Treatment Standards? Y X N

Was a waste analysis plan submitted to EPA and/or DEP 30 days prior to beginning treatment? (268.7(a)(4)) Y X N

Is the generator complying with the notice and certification requirements for treated wastes in 268.7(a)(2) and/or 268.9? Y X N

4. Does the facility have records documenting treatment is effective? Y X N

Notification and Certification Requirements (2011)

Notice Types	Notice frequency	Required Notice Content
1. Restricted, not meeting treatment standards	Each shipment to TSDF	EPA waste number(s) Constituents of Concern Treatability Group Manifest Number Analysis data (where available)
2. Restricted, meets treatment standards	Each shipment to TSDF	Certification statement EPA waste number(s) Constituents of Concern Treatability Group Manifest Number Analysis data (where available)
3. Restricted, but exempt under 268.5, 268.6 or a variance	Each shipment to TSDF	Statement waste is not prohibited Date the waste becomes subject to LDRs EPA waste number(s) Constituents of Concern Treatability Group Manifest Number Analysis data (where available)
4. Lab packs disposed of under an alternative treatment standard under 268.42(c)	Each shipment to TSDF	Certify no 268 Appendix IV wastes in pack EPA waste number(s) Treatability Group Manifest Number Analysis data (where available)
5. Small Quantity generator using a tolling agreement	Initial shipment Keep 3 years from exp. date	EPA waste number(s) Constituents of Concern Treatability Group Manifest Number Analysis data (where available)
6. Hazardous debris excluded from the definition of HW under 261.3(f)(1)	One time to EPA & state	Name & address of subtitle D facility EPA waste number(s) Description of waste as generated Technology used to treat the waste Certification & recordkeeping per 268.7(d)(3)
7. Generator claiming characteristic wastes are no longer hazardous	Own file, initial to EPA & state w/ updates	Name & address of receiving subtitle D facility Waste may require further treatment before disposal EPA waste number(s) Description of waste as generated Treatability group Underlying hazardous constituents Certification statement per 268.9(d)(2)

Notification and Certification Requirements (268.7)

1. Is the generator complying with the notification and certification requirements when disposing of his hazardous wastes? Note violations below.

Manifest #	Line Item	Date	Notice Type	Waste Codes Included	Defects - Comments

2. Is the generator keeping records for five years from the date of waste treatment or disposal? 268.7(a)(7) Y X N
3. Is the generator determining whether wastes are restricted solely by product or process knowledge? Y N X
- If so, is all supporting data used to make the determination (such as MSDSs) retained on site? (268.7(a)(5)) Y N n/a
4. Is the generator determining whether wastes are restricted by analysis? Y X N
- If so, are copies of the analyses retained on site? (268.7(a)(5)) Y X N
5. Is the generator managing a restricted waste that is excluded from the definition of hazardous waste under 261.2 - 6 subsequent to the point of generation? (ex. accumulated wastes subsequently discharged to a wastewater treatment unit or reclaimed.) Y N X
- If so, is a one time notice of the generation, subsequent exclusion and ultimate disposition of the waste placed in facility files? (268.7(a)(6)) Y N n/a
6. Is the facility a 100 - 1000 kg/mo generator using a tolling agreement to dispose of hazardous waste? Y N X
- If so, has the facility made a one time notice to the treatment facility containing the information required under 268.7(a) and is a copy of the notice retained on site for 3 years from the last waste disposal? Y N n/a

Date: September 1, 1995

Alan G. Annicelli

TSD CONTAINERS CHECKLIST

40 CFR 264 Supart I Permit Conditions

Part IV

1. Are the containers in good condition (264.171)? Y X N
2. Are the containers managed in accordance with the permit (264.171)? Y X N
3. Is the number of containers equal to or below the maximum inventory for the permit? Y X N
4. Are the containers in the designated bays by waste type? Y X N
5. Is the waste stored in the specified container? Y X N
6. Are containers holding hazardous waste opened, handled or stored in such a manner as to cause the container to rupture or leak (264.173(b))? Y N X

Explain.

7. Are each of the containers inspected at least weekly (264.174)? Y X N
8. Is the secondary containment system functional and are free liquids removed and managed in accordance with the permit? Y X N
9. Are containers holding ignitable or reactive wastes located at least 15 meters (50 feet) from the facility property line? Y X N
10. Is there sufficient aisle space to allow unobstructed movement and inspection? Y X N

11. Specific Condition on Permit:

_____	Y <u> </u>	N <u> </u>
_____	Y <u> </u>	N <u> </u>
_____	Y <u> </u>	N <u> </u>
_____	Y <u> </u>	N <u> </u>
_____	Y <u> </u>	N <u> </u>
_____	Y <u> </u>	N <u> </u>

Facility Name: Perma Fix Date: September 23, 2003
 Facility Representative: FLA 980 711 071 ← Facility ID #: Ken Shigematsu
 SIC Codes: TSD Facility Inspector: Alan Annicella
Alan A. Annicella

40 CFR 279 Subpart C -- Generator Standards

1. Describe the facility's used oil streams:

WASTE DESCRIPTION	ON/Off Specification	Testing or Process Knowledge	Generation Rate	Disposal Facility and EPA ID
Used Oil				Covanta in Lake City
Used Oil Filters				Covanta in Lake City
Oil soils				Soil Treatment Services of
				in Kissimmee

Kleen Soil
in Palmetto

2. Does the generator mix hazardous waste with the used oil?(279.10) Y N X
3. If so, is the facility a CESQG? Y N n/a
4. If not, Is the oil mixed with a characteristic hazardous waste?
 (describe waste) Y N
- If so, does the facility document that the resultant mixture does not exhibit any
 characteristic of hazardous waste? Y N n/a
- Or, if the hazardous waste is only D001, that the resultant mixture is not
 ignitable? Y N
- If the facility is not a CESQG, and oil is mixed with a listed hazardous waste,
 it must be managed as a hazardous waste.
5. Does the facility generate other materials contaminated with used oil? Y X N
- If so, are the materials burned for energy recovery as used oil? Y X N
- or, Does the facility have records documenting the residuals are not
 hazardous waste? Y X N
6. Does the generator claim that the used oil meets the specification in 279.11? Y X N
- If so, and the oil is to be burned for energy recovery, the generator is a marketer
 subject to 40 CFR 279 Subpart H

USED OIL TRANSPORTER CHECKLIST

Facility Name: Perma-Fix Date: September 24, 2003
Facility Representative: Ken Shoemaker Facility ID #: FLA 950 711 071
Inspector: Alan Annicella Registration #: same
Alan A. Annicella

40 CFR 279 Subpart E -- Transporter Standards

1. Is the facility exempt under any of the following? (279.40(a)) Y ☐ N ☒
On site transport?
Generator transporting < 55 g /time to a collection center?
Transporter of < 55 g /time from generator to aggregation point owned by same generator ?
2. If the transporter also transports hazardous waste in the same trucks as are used to transport used oil, are the vehicles emptied per 261.7 after HW shipments? (If not, the used oil must be managed as hazardous) Y ☐ N ☐ *n/g*
3. Does the transporter process used oil incidental to transport? (279.41) Y ☐ N ☒
Are any residues managed as used oil, reclaimed, or used as asphalt manufacture feedstock? N/A ☒ Y ☐ N ☐
If not, has the transporter conducted a hazardous waste determination? (279.10(e)) N/A ☒ Y ☐ N ☐
4. Has the facility notified of used oil activities? Check EPA form 8700-12 Y ☒ N ☐
5. Does the transporter only deliver used oil to other transporters, oil processors, off specification used oil burners with EPA ID Numbers, or to on-specification oil burners? (279.43(a)) Y ☒ N ☐
6. Does the transporter comply with DOT requirements? (279.43(b)) Y ☒ N ☐
7. If any oil is discharged during transport, does the transporter: (279.43(c))
Notify National Response Center and State Warning Point and Coast Guard per 33 CFR 153.203, as applicable? Y ☐ N ☐
Report to DOT in writing per 49 CFR 171.16? Y ☐ N ☐
Clean up any discharges until the discharge poses no threat? Y ☐ N ☐
if it happens they will
8. Does the facility also transport used oil filters? Y ☒ N ☐
If so, are the filters stored in above ground containers which are: (62-710.850(6))
In good condition? Y ☒ N ☐
Closed or otherwise protected from weather? Y ☒ N ☐
Labeled "Used Oil Filters"? Y ☒ N ☐
Stored on an oil impervious surface? Y ☒ N ☐

Transporter Recordkeeping Worksheet

1. Do used oil acceptance records include: (279.46(a))

Name & Address of facility providing the oil for transport?

Y X N

EPA ID # of oil provider (if applicable)?

Y X N

Quantity of oil shipped?

Y X N

Date of shipment?

Y X N

Signature of oil provider, dated upon receipt?

Y X N

2. Do used oil delivery records include: (279.46(b))

Name & Address of receiving facility or transporter?

Y X N

EPA ID # of receiving facility or transporter?

Y X N

Quantity of oil delivered?

Y X N

Date of delivery?

Y X N

Signature of oil receiver, dated upon receipt?

Y X N

3. Do the above records also include state required information on the type of oil and destination or end use? (62-710.510(1)(c & e))

Y X N

4. Does the facility keep records on DEP Form 62-710.900(2) or equivalent? (62-710.501(1))

Y X N

5. Does the facility submit an annual report by March 1 summarizing the on site records for the previous calendar year? (62-710.520)

Y X N

If not, is the facility an electric utility transporting only self generated used oil for recycling, which is exempt from state registration and reporting requirements? (62-710.530)?

Y N n/a

7. Does the transporter keep copies of the record and reports for three years at the street address of the facility? (62-710.510(2))

Y X N

Transporter Certification (62-710 F.A.C.)

1. Is the transporter certified? (local governments, and < 55g/time transporters are exempt) (62-710.600)

Y X N

2. Does the facility maintain training records? (62-710.600(2)(c))

Y X N

3. Does the facility maintain insurance or financial assurance of \$100,000 combined single limit? (62-710.600(2)(d))

Y X N

4. Is the facility registration form and ID number displayed? (62-710.500)

Y X N

Transfer Facility Standards - 279.45

1. Does the transporter store used oil at any transportation related facility (including parking lots) for more than 24 hours and not longer than 35 days during the normal course of transport? Transfer facilities storing used oil more than 35 days must comply with 279 Subpart F

N/A	Y <u>X</u>	N
-----	------------	---

Is the transfer facility registered per 62-710.500(1)(a) F. A. C.?

	Y <u>X</u>	N
--	------------	---
2. Does the transporter determine whether used oil stored at a transfer facility has a total halogen content above or below 1,000 ppm?

	Y <u>X</u>	N
--	------------	---

Is this done by testing?

	Y <u>X</u>	N
--	------------	---

Is this done by process knowledge? Describe basis in narrative.

	Y	N <u>X</u>
--	---	------------

Are test records or copies of records providing basis for determination kept for 3 years?

	Y <u>X</u>	N
--	------------	---
3. Have any analyses showed exceedances of the 1,000 ppm level?

	Y	N <u>X</u>
--	---	------------

If so, was the oil managed as hazardous waste?

	Y	N
--	---	---

If not, was the oil exempt? Describe in narrative.

N/A <u>X</u>	Y	N
--------------	---	---
4. Is used oil stored only in tanks or containers? (Circle applicable units)

	Y <u>X</u>	N
--	------------	---
5. If the facility has tanks, do they comply with 62-761 and 62.762 F. A. C rules? (Describe in narrative, including number and size of tanks, noting registration numbers if applicable, and compliance status.)

	Y <u>X</u>	N
--	------------	---

Is secondary containment provided and adequate?

	Y <u>X</u>	N
--	------------	---
6. Are containers, and tank trailers in good condition and not leaking?

	Y <u>X</u>	N
--	------------	---
7. Are containers provided with secondary containment consisting of walls and floor at a minimum?

	Y <u>X</u>	N
--	------------	---

Is the containment system impervious to oil so as to prevent migration?

	Y <u>X</u>	N
--	------------	---
8. Are ASTs, UST tank fill lines and containers labeled "used oil"?

	Y <u>X</u>	N
--	------------	---
9. Are used oil filters stored more than 10 days?

	Y <u>X</u>	N
--	------------	---

If so, is the facility a registered used oil filter transfer facility? (62-710.850)

N/A	Y <u>X</u>	N
-----	------------	---
10. Does the facility stop operations and clean up releases of used oil, repairing or replacing any leaking units as applicable?

	Y <u>X</u>	N
--	------------	---

Facility Name: Termo Fix Date: September 24 2003
Facility Representative: Ken Shoemaker Facility ID #: FLA 980 711 071
Inspector: Alan Annicella Registration #: same

40 CFR 279 Subpart H -- Marketer Standards

1. Does the facility direct shipments of off-specification used oil to used oil burners? (except processors who burn incidentally) Y ☐ N ☒
Or does the facility first claim that used oil that is to be burned for energy recovery meets the used oil fuel specification Y ☒ N ☐
2. Check other Subparts the marketer complies with. (Must comply with at least one and have EPA ID #)
☒ C - Generator ☒ E - Transporter ☐ F - Processor ☐ G - Burner
3. Is the facility registered? (62-710.500(1)(c)) Y ☒ N ☐
4. Does the marketer only send off specification oil to burners with EPA ID Numbers (279.71(a)) Y ☐ N ☐ } n/a
And approved Industrial Furnaces or Boilers (279.71(b)) Y ☐ N ☐
5. Does the marketer claim the used oil meets the specification by analysis? Y ☒ N ☐
Or by obtaining copies of generator performed analyses? (279.72(a)) Y ☒ N ☐
6. Does the marketer have copies of written and signed certifications from all off specification oil burners to which he has directed shipments stating that the burner: (279.75)
Has notified EPA of its used oil management activities? Y ☐ N ☐ } n/a
Will only burn off spec oil in an approved device? Y ☐ N ☐
7. Do Off specification oil delivery records include: (279.74(a))
Name & Address of transporter delivering oil? Y ☐ N ☐
EPA ID # of transporter? Y ☐ N ☐
Name & Address of receiving burner? Y ☐ N ☐
EPA ID # of receiving burner? Y ☐ N ☐
Quantity of oil shipped? Y ☐ N ☐
Date of shipment? Y ☐ N ☐ } n/a
8. Do on specification oil delivery records include: (279.74(b))
Name & Address of receiving facility? Y ☒ N ☐
Cross reference to analysis or other information used to determine that the oil meets the specification? Y ☒ N ☐
Quantity of oil shipped? Y ☒ N ☐
Date of shipment? Y ☒ N ☐
9. Does the marketer keep copies of records for three years? (279.72(b)) Y ☒ N ☐
10. Does the facility maintain records on DEP Form 62-710.900(2), including type of oil and destination or end use? Y ☒ N ☐
11. Does the facility submit annual reports by March 1? Y ☒ N ☐

PERMA-FIX OF GAINESVILLE, INC.

	HW	ALACHUA	2003
D#	DATE	FROM/TO	DESCRIPTION
03.1	2/18/03	Kastury/Shoemake	Approval of Minor Pmt Mod Req
03.2	2/24/03	Shoemake/Patel	Contingency Plan Revisions
03.3	2/28/03	Annicella/Shoemake	info recvd 6/25/02 Comp Eval Insp response to Warning Letter
03.4	6/10/03		Unmanifested Waste Report
03.5	7/7/03	Franklin/Valade	File Rev by DOE -BWTX Pantex
03.6	8/20/03	Outlaw(TLH)/Howard	surety bond never received
C.03.7	9/24	* * * *	Audit Log Book/Empl Trng Logs In-house Inspec Logs, etc

D.E.P.	9-24-2003
Company	Date

Name	Title	Company	Phone Number
Andy Owens	SA MGR	PFF	352-395-135
Dwayne Singleton	Site Coordinator	PFF	352-395-131
Raymond White	LM	PFF	352-395-135
Randy SELF	TREATMENT COORDINATOR	PFF	352-395-136
Alan A. Annicella	Env. Specialist	Fl. Dept. of Env. Prot	(904) 807-331
Christa Boden	HW Engr	FDEP-NED, Jax FL	(904) 807-3
Ken Shaemake	EHM Mgr	PFF	352-395-13

DOCKET #C.03.7

The following facilities are used for disposal, reuse or recycling of wastes from the Gainesville operation:

Facility/EPA ID Number	LOCATION/PHONE	WASTE ACCEPTED
AERC, Inc. FLD984262782	West Melbourne, Florida (8080) 808-4684	Batteries, Fluorescent Lamps, Mercury
Chem-Nuclear N/A	Barnwell, South Carolina (803) 259-1781	Radioactive solids
Chemical Waste Management, Emelle Facility ALD000007237	Alabama Hwy 17 at Mile Marker 163 (205) 652-9721	Hazardous & Non-hazardous debris
Covanta N/A	Lake County, Florida (352) 365-1611	Non-hazardous waste for energy recovery Oil/Absorbent/Filters
Detrex NCD049773245	Charlotte, North Carolina (704) 372-9280	Halogenated solvents for recycling
DSSI (A subsidiary of Perma-Fix Environmental Services) TND982109142	Kingston, TN (865) 376-0084	Mixed waste (liquids)
Envirocare of Utah, Inc. UTD982598898	Salt Lake City, Utah (801) 532-1330	Mixed and radioactive solids
EQ Resource Recovery, Inc. OMID060975844	Romulus, Michigan (734) 326-3100	Hazardous waste (waters)
Giant Cement SCD003051699	Harleyville, South Carolina (800) 786-0477	Fuels to kilns
GTS Duratek N/A	Oak Ridge, Tennessee (865) 481-0222	Rad solids, incineration/ super-compaction; rad water for incineration
Holnam, Inc. SCD003368891	Holly Hill, South Carolina (803) 496-7303	Fuels to kilns
Industrial Water Services, Inc. FLD981928484	Jacksonville, Florida (904) 354-0372	Oil / Water
Perma-Fix of Georgia, Inc. GAD093380814	Valdosta, Georgia (229) 244-0474	Fuel Blend, Hazardous/Non hazardous
Perma-Fix of Michigan, Inc. MID096963194	Wyandotte, MI (800) 282-9251	Hazardous/Non hazardous (solids)
Perma-Fix of Orlando, Inc. FLD980559728	Orlando, Florida (407) 859-4441	Lab packs & aerosols
Photo Waste Control FLD984229609	Longwood, Florida (407) 328-9651	Photo solutions with metals
Soil Treatment Services, Inc. N/A	Kissimmee, Florida (407) 933-8414	Petroleum impacted soils for incineration
Kleen Soil N/A	Palmetto, FL (941) 723-2700	Petroleum impacted soils for incineration

www.perma-fix.com/florida • phone (352) 373-6066 • fax (352) 372-8963 • floridasales@perma-fix.com

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Revised July 18, 2003

Gainesville, Florida Facility

In an effort to continually improve services to our customers, Perma-Fix of Florida, Inc. implemented a **Quality Assurance (QA) Program (PFF SOP-001Q-R0, Quality Assurance Plan)**. This plan provides a method to evaluate and improve policies and procedures utilized at this facility to assure the regulatory agencies which govern us and our customers that all commitments made in our permits and licenses are met.

The plan also assures that no conditions exist which are *adverse to quality* as it relates to treatment, storage and disposal of the waste materials arriving at our facility. As a result, the following criteria identify those types of items which would be *adverse to quality*, resulting in the issuance of a Non-Conformance, and added charges being placed on non conforming materials delivered to this facility.

DRUM ACCEPTANCE CRITERIA

1. Drums must be in **good physical condition** [49CFR173.24(b)] and meet **D.O.T. specifications** for the material they contain [49CFR173.24(e)].
2. There must not be any **holes or dents** that affect the integrity of the drums [49CFR173.24(b)].
3. There must not be **excessive amounts of rust** on drum which would affect the integrity of the drums [49CFR173.24(b)].
4. There should be **no waste material on the outside** of the drum [49CFR173.24a(b)(5)]. If the material can be flaked off with a coin, the drum must be scraped and cleaned prior to shipment.
5. **Sufficient head space** must be left when filling a drum to allow for heat expansion of the contents [49CFR173.24(h)].
6. Swollen, bulging or leaking drums **will not be accepted**. Leaking drums must be overpacked prior to shipment [49CFR173.24(b)]
7. To facilitate sampling, all open-top drums should have a 2" bung on the lid.
8. All drums must be assembled and closed to comply with the manufacturers recommended closure requirement specifications [49CFR173.24a(f)(2)]

DELIVERY ACCEPTANCE

1. Drums should be positioned so that the shipping label is positioned facing the rear of the van.
2. For RCRA and/or DOT Regulated materials, (Hazardous Waste or Non-Hazardous Waste) containers must be marked (49CFR172.300) with Generator info, profile number, an accumulation start date (Haz Only), DOT Proper Shipping name, hazard class number, UN or NA number, Packing Group designation, Technical Names (if required) and proper DOT label (49CFR172.400). For Non-regulated materials, the container shall be marked with the term "Non-Regulated Material" along with the with Generator's name, address, profile number and a brief description of the waste
3. All container markings should be legible.
4. All documents required to legally transport materials on public highways must be accurate and in order at time of receipt.
5. **All drivers must have proper PPE to be allowed entry into this facility which consists of the following: Safety Glasses, Hard Hat.**
6. **Drivers must also observe internal facility markings for areas that are authorized or unauthorized access to persons not directly employed by PFF.**

**** Please reference PFF Surcharge Schedule (SS15Q-R0) for added information regarding costs associated with post shipment correction of items listed above.**

Safety and Compliance Inspection, Haz and Non-Haz Zones

Task No. 067	Request Date 9/23/2003
Tenant	Request Time 10:59:45
Assigned By OwensM	Originator WhittleR
Assigned To	Telephone No. 352-395-1353
Scheduled Start Date 9/23/2003	Extension 1353
Scheduled Finish Date 9/23/2003	WO Type W330
Perform by Warranty No	Completion Date 9/23/2003
Priority 1.00	Completion Time 16:40:00
Expense Class	Project Task
Project ID	

<u>Craft</u>	<u>Estimated Crew Size</u>	<u>Estimated Labor Hours</u>
STI	1.00	1.00
STR	1.00	1.00

Equipment No. Reg- HNH-001
Equipment Description Inspection, Hazardous-Non Hazardous Zone
Serial No. N/A
Cost Center 71-300-UDO
General Ledger No.
Department UD
Location Material Storage Areas
Sub-location 1 Zones 1 through 14
Sub-location 2 PSB Building
Sub-location 3 TOB Building
Reason for Outage 295
Must Be Down No
Estimated Down Time
Down Time

Corrective Action
Levels of Approval
Start Time
Start Date
Area Supervisor Approval
Area Coordinator Approval
EHS Approval
RSO Approval
General Manager Approval
Quality Assurance Approval

Safety Note Inspection Trigger for On Site Inspection as directed by PFF Inspection LogSheet

Comments
 Jones, N. Start 1300, Finish 1420, No discrepancies noted.
 Mason, C. Start 1638, Finish 1640, No night shift on this date. 9/23/03.
 Potter, J. Start, 1505 Finish, 1530, No discrepancies.

<u>Equipment No. (Meter)</u>	<u>Meter Name</u>	<u>Meter Reading</u>
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Item No.	Equipment No. (Parts)	Item Description	Qty Required	Date Used	Qty Used
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List extra parts and comments here

Employee Code	Equipment No. (Employee)	Work Date	First Name	Last Name	Regular Hours	Overtime Hours
DoddD	Reg- HNH-001	9/23/2003	Danny	Dodd		
JonesN	Reg- HNH-001	9/23/2003	Nat	Jones	1.40	

PotterJ	Reg- HNH-001	9/23/2003	Jason	Potter	0.05	
SelfR	Reg- HNH-001	9/23/2003	Randy	Self	0.04	
WickesT	Reg- HNH-001	9/23/2003	Tom	Wickes	0.01	
WilliamsS	Reg- HNH-001	9/23/2003	Steve	Williams		
WilsonB	Reg- HNH-001	9/23/2003	Benjy	Wilson	0.01	

Task Instructions

- 1) Observance of ALL PFF Quality Assurance Policies and Procedures as applicable to the tasks assigned.
- 2) Observance of ALL PFF Environmental Health and Safety Policies and Procedures as applicable for the area you are to work in and for the tasks assigned.
- 3) Observance of ALL PFF Radiological Policies and Procedures in place for the area you are to work in and for the tasks assigned.
- 4) Observance of ALL PAS Lab Policies and Procedures as applicable for the area you are to work in and for the tasks assigned.
- 5) Observance of ALL Administrative Policies and Procedures as applicable for the area you are to work in and for the tasks assigned.
- 6) Observance of ALL Equipment Specific Policies and Procedures as applicable for the area you are to work in and for the tasks assigned. And, when necessary secure manufacturers O&M (Operations and Maintenance) manual for reference.
- 7) Observance of ALL Industrial Process Group Policies or Procedures as applicable for the area you are to work in for the tasks assigned.
- 8) Observance of ALL Nuclear Process Group Policies and Procedures as applicable for the area you are to work in for the tasks assigned.
- 9) Observe Proper disposal of waste materials upon completion.
- 10) Supporting Documentation Completion Requirements:
 - A) Daily, Weekly, Monthly, Quarterly, Annual, Semi-Annual, Bi-Annual inspection and materials processing work orders that are generated when the task is performed "across shifts" (Same inspection task, Same area, Performed at different times) addresses the requirement the task is performed daily during each shifts operation.
 - B) The logs used to perform these inspections provide the basis of what is to be inspected and, how it is to be performed.
Meaning: At what level of detail, and, what needs to be inspected or reviewed.
 - C) In order for the inspection to be deemed complete, for each shift or task it governs, All supporting documentation developed for a particular task must also be completed.
 - D) If for some reason, a portion of the supporting documentation has not been completed as required by the specified task.
The entire task shall be viewed as incomplete. Addressing it in this way provides the level of assurance necessary to ensure the tasks are performed with a high degree of consistency and accuracy.
 - E) Any items noted as being discrepant from any task or shift are reported independent of the other.
 - F) If there are deviations to the "posted" work schedule that result in certain areas being non-operational, the work orders that are typically issued in support of permit and license required functions shall still be released.
 - G) In the event materials are moved or transferred from other areas within the facility, shipments arrive or storage volumes change, these permit and license required inspections shall be performed as if the areas were in normal operation.
 - H) This documentation then becomes the "Objective Evidence" of proper completion.
 - I) Failure to complete any portion of this documentation shall result in the issuance of an NCR to address the specific non-conforming item.

In the event you are unfamiliar with any of the above requirements for a specific task, area or equipment.

DO NOT PROCEED with the performance of the task assigned.

Consult your immediate area supervisor, coordinator or manager for additional instructions or guidance.

Designated Inspection Personnel:

PSB Area

Zones 1,2,3,14 (Zone 14 formerly Zone 4)= Glass/Plastic

Primary - Steve Williams, Jason Potter or designee

TOB Area

Zones Haz- 4,5,6,7,8,9,10 Non Haz -11,12,13

Shift:

Day - Nate Jones or designee

Night - Charles Mason or designee

Please write ALL information LEGIBLY as you enter it into forms.

- 1) Secure Daily Inspection Logsheet
- 2) Write Work Order Number (Top,Left Center of Work Order) on PFF Inspection Log
- 3) Enter Date, Time inspection begins.
- 4) Sign your Full Name beneath printed name listing on lines provided on work Order form
- 5) Follow remaining instruction printed on the lower portion of inspection log.
- 6) Note any additional comments,discrepancies or equipment issues on Work Order provided.
with any information that is pertinent to the task being performed.
- 7) Enter Time of completion
- 8) Enter Date of Completion
- 9) NOTE: ON ZONE 14 AND SHOP, GALLON VOLUME AND SUMPS ARE NOT APPLICABLE
ALSO, PALLET STACK HEIGHT IN SHOP AREA MAX ALLOWABLE IS THREE (3) HIGH.
- 10) NOTE: LABELING/ CONTAINER IDENTIFICATION REQUIREMENTS:

A) All containers of radioactive materials placed in storage in either of the three (3) permitted areas, (PSB, SHOP, TOB)either pre or post process, including empties re-used for processing for the nuclear process group (example: LSV, Q-Hut) must have legible radioactive labeling placed in clear view, facing the aisle in close proximity to other DOT or Perma-fix required shipping or identification labels as applicable to the waste type contained.

B) All Non radioactive materials (Industrial) placed in storage, either pre or post process must have legible labels, facing the aisle in close proximity to other DOT or Perma-fix required shipping or identification labels as applicable to the waste type contained.

C) D.O.T. FLAMMABLE LABELS ARE NOT PERMITTED on WASTE material containers placed in storage in areas other than the PSB BUILDING.

EXCEPTION: Products or materials purchased for use in various processes that are labeled D.O.T.

FLAMMABLE are the ONLY materials authorized for storage in areas other than the PSB.

D) All container labels (industrial and nuclear) that are torn, faded or damaged in a manner that prevents ease of identification MUST BE PROMPTLY REPLACED.

- 11) Return Completed Work Order to QA Manager or designee for closure.

(ALL DRUMS ARE TO BE STRAPPED WHEN STACKED BEYOND SINGLE PALLET HEIGHT)

Task No. 067	Request Date 9/24/2003
Tenant	Request Time 09:58:36
Assigned By OwensA	Originator WhittleR
Assigned To	Telephone No. 352-395-1353
Scheduled Start Date 9/24/2003	Extension 1353
Scheduled Finish Date 9/24/2003	WO Tvne W330
Perform by Warranty No	Completion Date _____
Priority 1.00	Completion Time _____
Expense Class	Project Task
Project ID	

<u>Craft</u>	<u>Estimated Crew Size</u>	<u>Estimated Labor Hours</u>
STI	1.00	1.00
STR	1.00	1.00

Equipment No. Reg- HNH-001	
Equipment Description Inspection, Hazardous-Non Hazardous Zone	
Serial No. N/A	Corrective Action
Cost Center 71-300-UDO	Levels of Approval
General Ledger No.	Start Time
Department UD	Start Date
Location Material Storage Areas	Area Supervisor Approval
Sub-location 1 Zones 1 through 14	Area Coordinator Approval
Sub-location 2 PSB Building	EHS Approval
Sub-location 3 TOB Building	RSO Approval
Reason for Outage 295	General Manager Approval
Must Be Down No	Quality Assurance Approval
Estimated Down Time	
Down Time	

Safety Note Inspection Trigger for On Site Inspection as directed by PFF Inspection LogSheet

Comments

<u>Equipment No. (Meter)</u>	<u>Meter Name</u>	<u>Meter Reading</u>
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Item No.	Equipment No. (Parts)	Item Description	Qty Required	Date Used	Qty Used
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List extra parts and comments here

Employee Code	Equipment No. (Employee)	Work Date	First Name	Last Name	Regular Hours	Overtime Hours
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JonesN	Reg- HNH-001	9/24/2003	Nat	Jones		
MasonC	Reg- HNH-001	9/24/2003	Charles	Mason		
PotterJ	Reg- HNH-001	9/24/2003	Jason	Potter		

WickesT	Reg- HNH-001	9/24/2003	Tom	Wickes		
WilliamsS	Reg- HNH-001	9/24/2003	Steve	Williams		
WilsonB	Reg- HNH-001	9/24/2003	Benjy	Wilson		

Task Instructions

- 1) Observance of ALL PFF Quality Assurance Policies and Procedures as applicable to the tasks assigned.
- 2) Observance of ALL PFF Environmental Health and Safety Policies and Procedures as applicable for the area you are to work in and for the tasks assigned.
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- 6) Observance of ALL Equipment Specific Policies and Procedures as applicable for the area you are to work in and for the tasks assigned. And, when necessary secure manufacturers O&M (Operations and Maintenance) manual for reference.
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B) The logs used to perform these inspections provide the basis of what is to be inspected and, how it is to be performed.

Meaning: At what level of detail, and, what needs to be inspected or reviewed.

C) In order for the inspection to be deemed complete, for each shift or task it governs, All supporting documentation developed for a particular task must also be completed.

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E) Any items noted as being discrepant from any task or shift are reported independent of the other.

F) If there are deviations to the "posted" work schedule that result in certain areas being non-operational, the work orders that are typically issued in support of permit and license required functions shall still be released.

G) In the event materials are moved or transferred from other areas within the facility, shipments arrive or storage volumes change, these permit and license required inspections shall be performed as if the areas were in normal operation.

H) This documentation then becomes the "Objective Evidence" of proper completion.

I) Failure to complete any portion of this documentation shall result in the issuance of an NCR to address the specific non-conforming item.

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DO NOT PROCEED with the performance of the task assigned.

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1.0 Basic Task Instruction:

Designated Inspection Personnel:

PSB Area

Zones 1,2,3,14 (Zone 14 formerly Zone 4)= Glass/Plastic

Primary - Steve Williams, Jason Potter or designee

TOB Area

Zones Haz- 4,5,6,7,8,9,10 Non Haz -11,12,13

Shift:

Day - Nate Jones or designee

Night - Charles Mason or designee

Please write ALL information LEGIBLY as you enter it into forms.

1) Secure Daily Inspection Logsheet

2) Write Work Order Number (Top,Left Center of Work Order) on PFF Inspection Log

3) Enter Date, Time inspection begins.

4) Sign your Full Name beneath printed name listing on lines provided on work Order form

5) Follow remaining instruction printed on the lower portion of inspection log.

6) Note any additional comments,discrepancies or equipment issues on Work Order provided.

with any information that is pertinent to the task being performed.

7) Enter Time of completion

8) Enter Date of Completion

9) NOTE: ON ZONE 14 AND SHOP, GALLON VOLUME AND SUMPS ARE NOT APPLICABLE

ALSO, PALLET STACK HEIGHT IN SHOP AREA MAX ALLOWABLE IS THREE (3) HIGH.

10) NOTE: LABELING/ CONTAINER IDENTIFICATION REQUIREMENTS:

A) All containers of radioactive materials placed in storage in either of the three (3) permitted

areas, (PSB, SHOP, TOB)either pre or post process, including empties re-used for processing for

the nuclear process group (example: LSV, Q-Hut) must have legible radioactive labeling placed in clear view, facing the aisle in close proximity to other DOT or Perma-fix required

shipping or identification labels as applicable to the waste type contained.

B) All Non radioactive materials (Industrial) placed in storage, either pre or post process must

have legible labels, facing the aisle in close proximity to other DOT or Perma-fix required shipping

or identification labels as applicable to the waste type contained.

C) D.O.T. FLAMMABLE LABELS ARE NOT PERMITTED on WASTE material containers placed in storage in

areas other than the PSB BUILDING.

EXCEPTION: Products or materials purchased for use in various processes that are labeled D.O.T.

FLAMMABLE are the ONLY materials authorized for storage in areas other than the PSB.

D) All container labels (industrial and nuclear) that are torn, faded or damaged in a manner that

prevents ease of identification MUST BE PROMPTLY REPLACED.

11) Return Completed Work Order to QA Manager or designee for closure.

(ALL DRUMS ARE TO BE STRAPPED WHEN STACKED BEYOND SINGLE PALLET HEIGHT)

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Allen	Gilbert	PERMA-FIX	SOP-007R-r1, Rad. Control, Trt Unit	Procedure Implementation	2/13/2002	2/13/2002	N/A		0.75		Yes	Pass	Yes
Allen	Gilbert	PERMA-FIX	SOP-044R-r0, Perf Ver/Handling Surv Inst	Procedure Implementation	2/13/2002	2/13/2002	N/A		1.00		Yes	Pass	Yes
Allen	Gilbert	PERMA-FIX	Haz. Materials Training 49 CFR 172.704	Materials Transportation	12/26/2002	12/26/2002	Info-Trac	2/26/2005	5.00		Yes	Pass	Yes
Allen	Gilbert	PERMA-FIX	OSHA 8 Hour Refresher Training	Regulatory Requirement	13/8/2002	13/8/2002	N/A		8.00		Yes	Pass	Yes
Allen	Gilbert	PERMA-FIX	OSHA, 1C Lift Truck Operator Training	Operator Refresher	6/12/2002	6/12/2002	Ring Power	6/12/2005	3.75		Yes	Pass	Yes
Allen	Gilbert	PERMA-FIX	SOP-003E, Industrial Lift Truck Operator	Procedure Implementation	6/12/2002	6/12/2002	N/A		0.50		Yes	Pass	Yes
Allen	Gilbert	PERMA-FIX	Radiation Protection, Annual Refresher	Annual Refresher	9/13/2002	9/13/2002	N/A		8.00		Yes	Pass	Yes
Allen	Gilbert	PERMA-FIX	SOP-015Q-r1, C&D of N-C, Comm.&Wast	Procedure Implementation	10/16/2002	10/16/2002	N/A		1.50		Yes	Pass	Yes
Total									29.30		0.00		

Employee Code ArmstrongP

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Armstrong	Princess	PERMA-FIX	SOP-008G, Evac. Drills, An. Fire Drill	Procedure Implementation	4/4/2002	4/4/2002	N/A		1.00		Yes	Pass	Yes
Total									1.00		0.00		

Employee Code BassettM

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Bassett	Michael	PERMA-FIX	SOP-001C, General Safety Rules	Plant Safety Policies	3/4/2002	3/4/2002	N/A		0.50		Yes	Pass	Yes
Bassett	Michael	PERMA-FIX	SOP-004A, New Employee Orientation	Facility/Policy Familiarization	3/4/2002	3/4/2002	N/A		7.00		Yes	Pass	Yes
Bassett	Michael	PERMA-FIX	Respirator Fit Test	Proper Fit Verification	3/5/2002	3/5/2002	3M	3/5/2003	0.50		Yes	Pass	Yes
Bassett	Michael	PERMA-FIX	OSHA 8 Hour Refresher Training	Regulatory Requirement	3/8/2002	3/8/2002	N/A		8.00		Yes	Pass	Yes
Bassett	Michael	PERMA-FIX	SOP-006R, Radiological Control, LSV	Procedure Implementation	3/27/2002	3/27/2002	N/A		0.40		Yes	Pass	Yes
Bassett	Michael	PERMA-FIX	SOP-045R-r0, Svy of Rad Mat and Wst Sh	Procedure Implementation	3/27/2002	3/27/2002	N/A		0.70		Yes	Pass	Yes
Bassett	Michael	PERMA-FIX	SOP-008G, Evac. Drills, An. Fire Drill	Procedure Implementation	4/4/2002	4/4/2002	N/A		1.00		Yes	Pass	Yes
Bassett	Michael	PERMA-FIX	Industrial Lifttruck Operator Training	Proper Operation Techniques	4/9/2002	4/9/2002	Ring Power	4/9/2005	4.00		Yes	Pass	Yes
Bassett	Michael	PERMA-FIX	SOP-001G, Powered Industrial Lift Trk Op	Procedure Implementation	4/9/2002	4/9/2002	N/A		0.50		Yes	Pass	Yes
Bassett	Michael	PERMA-FIX	Fundamental Concepts of PFI Treatment	Process Concepts	4/10/2002	4/10/2002	N/A		1.00		Yes	Pass	Yes
Bassett	Michael	PERMA-FIX	SOP-001E, Op of Pneu Drum Tumbler	Procedure Implementation	4/10/2002	4/10/2002	N/A		0.75		Yes	Pass	Yes
Bassett	Michael	PERMA-FIX	SOP-009C, Confined Space Entry	Procedure Implementation	4/11/2002	4/11/2002	N/A		0.50		Yes	Pass	Yes
Bassett	Michael	PERMA-FIX	SOP-013C, Lockout / Tagout	Procedure Implementation	4/11/2002	4/11/2002	N/A		0.50		Yes	Pass	Yes
Bassett	Michael	PERMA-FIX	OSHA, 1C Lift Truck Operator Training	Operator Refresher	6/12/2002	6/12/2002	Ring Power	6/12/2005	3.75		Yes	Pass	Yes
Bassett	Michael	PERMA-FIX	SOP-003E, Industrial Lift Truck Operator	Procedure Implementation	6/12/2002	6/12/2002	N/A		0.50		Yes	Pass	Yes
Bassett	Michael	PERMA-FIX	Hazcom - Asbestos Update	Handling Requirements	6/17/2002	6/17/2002	N/A		0.40		Yes	Pass	Yes
Bassett	Michael	PERMA-FIX	OSHA 40 Hour Hazwoper	Regulatory Requirement	7/12/2002	8/9/2002	Perma-Fix		40.00		Yes	Pass	Yes
Bassett	Michael	PERMA-FIX	SOP-015Q-r1, C&D of N-C, Comm.&Wast	Procedure Implementation	7/17/2002	7/17/2002	N/A		1.00		Yes	Pass	Yes
Bassett	Michael	PERMA-FIX	Container Closure	Proper Performance	8/1/2002	8/1/2002	N/A		0.45		Yes	Pass	Yes
Bassett	Michael	PERMA-FIX	Radiation Protection, Annual Refresher	Annual Refresher	9/13/2002	9/13/2002	N/A		8.00		Yes	Pass	Yes
Bassett	Michael	PERMA-FIX	SOP-010Q, Stop Work Authorization	Procedure Implementation	10/2/2002	10/2/2002	N/A		0.50		Yes	Pass	Yes
Bassett	Michael	PERMA-FIX	MP2 W/O Usage, Review and Completion	Work Order Usage	11/5/2002	11/5/2002	N/A		0.50		Yes	Pass	Yes
Total									80.45		0.00		

Employee Code BooherJ

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Booher	Jeanie	PERMA-FIX	SOP-008G, Evac. Drills, An. Fire Drill	Procedure Implementation	4/4/2002	4/4/2002	N/A		1.00		Yes	Pass	Yes
Total									1.00		0.00		

Employee Code BrimleyR

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Brimley	Richard	PERMA-FIX	SOP-001C, General Safety Rules	Plant Safety Policies	4/22/2002	4/22/2002	N/A		0.50		Yes	Pass	Yes
Brimley	Richard	PERMA-FIX	SOP-004A, New Employee Orientation	Facility Policy Familiarization	4/22/2002	4/22/2002	N/A		7.00		Yes	Pass	Yes
Brimley	Richard	PERMA-FIX	SOP-004C, Respiratory Protection	Fit Testing and Care	4/22/2002	4/22/2002	N/A		0.50		Yes	Pass	Yes
Brimley	Richard	PERMA-FIX	Radiation Protection, Annual Refresher	Annual Refresher	10/1/2002	10/1/2002	N/A		8.00		Yes	Pass	Yes
Total									16.00		0.00		

Employee Code BrownH

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Brown	Hones	PERMA-FIX	SOP-002TP, Chemical Handling	Procedure Implementation	1/31/2002	1/31/2002	N/A		0.25		Yes	Pass	Yes
Brown	Hones	PERMA-FIX	SOP-024TP, Chemical Storage	Procedure Implementation	1/31/2002	1/31/2002	N/A		0.25		Yes	Pass	Yes
Brown	Hones	PERMA-FIX	Annual Respirator Fit Test	Proper Fit Verification	2/5/2002	2/5/2002	3M	2/5/2003	0.50		Yes	Pass	Yes
Brown	Hones	PERMA-FIX	SOP-005R, Air Handling MW Unit	Procedure Implementation	2/13/2002	2/13/2002	N/A		0.30		Yes	Pass	Yes
Brown	Hones	PERMA-FIX	SOP-007R-r1, Rad. Control, Trt Unit	Procedure Implementation	2/13/2002	2/13/2002	N/A		0.75		Yes	Pass	Yes
Brown	Hones	PERMA-FIX	SOP-044R-r0, Perf Ver/Handling Surv Inst	Procedure Implementation	2/13/2002	2/13/2002	N/A		1.00		Yes	Pass	Yes
Brown	Hones	PERMA-FIX	Haz. Materials Training 49 CFR 172.704	Materials Handling	2/16/2002	2/16/2002	Infotrac	2/16/2005	5.00		Yes	Pass	Yes
Brown	Hones	PERMA-FIX	SOP-004T-r1, Safe Shutdown	Procedure Implementation	2/28/2002	2/28/2002	N/A		0.25		Yes	Pass	Yes
Brown	Hones	PERMA-FIX	SOP-008C-R3, Incident Rpt- Investigation	Procedure Implementation	2/28/2002	2/28/2002	N/A		0.50		Yes	Pass	Yes
Brown	Hones	PERMA-FIX	OSHA 8 Hour Refresher Training	Regulatory Requirement	3/8/2002	3/8/2002	N/A		8.00		Yes	Pass	Yes
Brown	Hones	PERMA-FIX	SOP-003G-r10, Facility Inspection Plan	Procedure Implementation	3/14/2002	3/14/2002	N/A		0.25		Yes	Pass	Yes
Brown	Hones	PERMA-FIX	SOP-007C, Personal Protective Equipment	Procedure Implementation	3/14/2002	3/14/2002	N/A		0.25		Yes	Pass	Yes
Brown	Hones	PERMA-FIX	SOP-006R, Radiological Control, LSV	Procedure Implementation	3/27/2002	3/27/2002	N/A		0.40		Yes	Pass	Yes
Brown	Hones	PERMA-FIX	SOP-045R-r0, Svy of Rad Mat and Wst Sh	Procedure Implementation	3/27/2002	3/27/2002	N/A		0.70		Yes	Pass	Yes
Brown	Hones	PERMA-FIX	SOP-008G, Evac. Drills, An. Fire Drill	Procedure Implementation	4/4/2002	4/4/2002	N/A		1.00		Yes	Pass	Yes
Brown	Hones	PERMA-FIX	SOP-009C, Confined Space Entry	Procedure Implementation	4/11/2002	4/11/2002	N/A		0.50		Yes	Pass	Yes
Brown	Hones	PERMA-FIX	SOP-013C, Lockout / Tagout	Procedure Implementation	4/11/2002	4/11/2002	N/A		0.50		Yes	Pass	Yes
Brown	Hones	PERMA-FIX	OSHA, 1C Lift Truck Operator Training	Operator Refresher	6/12/2002	6/12/2002	Ring Power	6/12/2005	3.75		Yes	Pass	Yes
Brown	Hones	PERMA-FIX	SOP-003E, Industrial Lift Truck Operator	Procedure Implementation	6/12/2002	6/12/2002	N/A		0.50		Yes	Pass	Yes
Brown	Hones	PERMA-FIX	Container Closure	Proper Performance	8/1/2002	8/1/2002	N/A		0.45		Yes	Pass	Yes
Brown	Hones	PERMA-FIX	Radiation Protection, Annual Refresher	Annual Refresher	8/30/2002	8/30/2002	N/A		8.00		Yes	Pass	Yes
Brown	Hones	PERMA-FIX	Lab Pack Decommissioning	Safety Training	9/12/2002	9/12/2002	N/A		0.50		Yes	Pass	Yes
Brown	Hones	PERMA-FIX	Container Closure, Nitrate Label Rqments	Proper Performance	9/20/2002	9/20/2002	N/A		0.40		Yes	Pass	Yes
Brown	Hones	PERMA-FIX	SOP-010Q, Stop Work Authorization	Procedure Implementation	10/2/2002	10/2/2002	N/A		0.50		Yes	Pass	Yes
Brown	Hones	PERMA-FIX	MP2 W/O Usage, Review and Completion	Work Order Usage	11/5/2002	11/5/2002	N/A		0.50		Yes	Pass	Yes
Total									35.00		0.00		

Employee Code CarrB

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Carr	William	PERMA-FIX	SOP-008G, Evac. Drills, An. Fire Drill	Procedure Implementation	4/4/2002	4/4/2002	N/A		1.00		Yes	Pass	Yes
Total									1.00		0.00		

Employee Code CaulB

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Caul	Brandon	PERMA-FIX	SOP-002TP, Chemical Handling	Procedure Implementation	1/31/2002	1/31/2002	N/A		0.25		Yes	Pass	Yes
Caul	Brandon	PERMA-FIX	SOP-024TP, Chemical Storage	Procedure Implementation	1/31/2002	1/31/2002	N/A		0.25		Yes	Pass	Yes
Caul	Brandon	PERMA-FIX	Annual Respirator Fit Test	Proper Fit Verification	2/5/2002	2/5/2002	3M	2/5/2003	0.50		Yes	Pass	Yes
Caul	Brandon	PERMA-FIX	SOP-004T-r1, Safe Shutdown	Procedure Implementation	2/28/2002	2/28/2002	N/A		0.25		Yes	Pass	Yes
Caul	Brandon	PERMA-FIX	SOP-008C-R3, Incident Rpt- Investigation	Procedure Implementation	2/28/2002	2/28/2002	N/A		0.50		Yes	Pass	Yes
Caul	Brandon	PERMA-FIX	SOP-008T-r1, Q Hut Operations	Procedure Implementation	2/28/2002	2/28/2002	N/A		0.50		Yes	Pass	Yes
Caul	Brandon	PERMA-FIX	OSHA 8 Hour Refresher Training	Regulatory Requirement	3/8/2002	3/8/2002	N/A		8.00		Yes	Pass	Yes
Caul	Brandon	PERMA-FIX	SOP-003G-r10, Facility Inspection Plan	Procedure Implementation	3/14/2002	3/14/2002	N/A		0.25		Yes	Pass	Yes
Caul	Brandon	PERMA-FIX	SOP-007C, Personal Protective Equipment	Procedure Implementation	3/14/2002	3/14/2002	N/A		0.25		Yes	Pass	Yes
Caul	Brandon	PERMA-FIX	SOP-006R, Radiological Control, LSV	Procedure Implementation	3/27/2002	3/27/2002	N/A		0.40		Yes	Pass	Yes
Caul	Brandon	PERMA-FIX	SOP-045R-r0, Svy of Rad Mat and Wst Sh	Procedure Implementation	3/27/2002	3/27/2002	N/A		0.70		Yes	Pass	Yes

Employee Code	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Caul	Brandon	PERMA-FIX	SOP-001E, Op of Pneu Drum Tumbler	Procedure Implementation	4/10/2002	4/10/2002	N/A		1.00	Yes	Pass	Yes	
Caul	Brandon	PERMA-FIX	SOP-001E, Op of Pneu Drum Tumbler	Procedure Implementation	4/10/2002	4/10/2002	N/A		0.75	Yes	Pass	Yes	
Caul	Brandon	PERMA-FIX	SOP-009C, Confined Space Entry	Procedure Implementation	4/11/2002	4/11/2002	N/A		0.50	Yes	Pass	Yes	
Caul	Brandon	PERMA-FIX	SOP-013C, Lockout / Tagout	Procedure Implementation	4/11/2002	4/11/2002	N/A		0.50	Yes	Pass	Yes	
Caul	Brandon	PERMA-FIX	OSHA, IC Lift Truck Operator Training	Operator Refresher	6/12/2002	6/12/2002	Ring Power	6/12/2005	3.75	Yes	Pass	Yes	
Caul	Brandon	PERMA-FIX	SOP-003E, Industrial Lift Truck Operator	Procedure Implementation	6/12/2002	6/12/2002	N/A		0.50	Yes	Pass	Yes	
Caul	Brandon	PERMA-FIX	Hazcom - Asbestos Update	Handling Requirements	6/17/2002	6/17/2002	N/A		0.40	Yes	Pass	Yes	
Caul	Brandon	PERMA-FIX	SOP-015Q-r1, C&D of N-C, Comm.&Wast	Procedure Implementation	7/17/2002	7/17/2002	N/A		1.00	Yes	Pass	Yes	
Caul	Brandon	PERMA-FIX	Container Closure	Proper Performance	8/1/2002	8/1/2002	N/A		0.45	Yes	Pass	Yes	
Caul	Brandon	PERMA-FIX	Radiation Protection, Annual Refresher	Annual Refresher	8/30/2002	8/30/2002	N/A		8.00	Yes	Pass	Yes	
Caul	Brandon	PERMA-FIX	SOP-010Q, Stop Work Authorization	Procedure Implementation	10/2/2002	10/2/2002	N/A		0.50	Yes	Pass	Yes	
Caul	Brandon	PERMA-FIX	MP2 W/O Usage, Review and Completion	Work Order Usage	11/5/2002	11/5/2002	N/A		0.50	Yes	Pass	Yes	
Total									35.70	0.00			

Employee Code DavisM

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Davis	Mike	PERMA-FIX	SOP-002TP Chemical Handling	Procedure Implementation	1/31/2002	1/31/2002	N/A		0.25	Yes	Pass	Yes	
Davis	Mike	PERMA-FIX	SOP-024TP, Chemical Storage	Procedure Implementation	1/31/2002	1/31/2002	N/A		0.25	Yes	Pass	Yes	
Davis	Mike	PERMA-FIX	Annual Respirator Fit Test	Proper Fit Verification	2/5/2002	2/5/2002	3M	2/5/2003	0.50	Yes	Pass	Yes	
Davis	Mike	PERMA-FIX	SOP-044R-r0, Perf Ver/Handling Surv Inst	Procedure Implementation	2/13/2002	2/13/2002	N/A		1.00	Yes	Pass	Yes	
Davis	Mike	PERMA-FIX	Haz. Materials Training 49 CFR 172.704	Materials Handling	2/25/2002	2/25/2002	InfoTrac	2/25/2005	5.00	Yes	Pass	Yes	
Davis	Mike	PERMA-FIX	SOP-004T-r1, Safe Shutdown	Procedure Implementation	2/28/2002	2/28/2002	N/A		0.25	Yes	Pass	Yes	
Davis	Mike	PERMA-FIX	SOP-008C-R3, Incident Rpt- Investigation	Procedure Implementation	2/28/2002	2/28/2002	N/A		0.50	Yes	Pass	Yes	
Davis	Mike	PERMA-FIX	SOP-008T-r1, Q Hut Operations	Procedure Implementation	2/28/2002	2/28/2002	N/A		0.50	Yes	Pass	Yes	
Davis	Mike	PERMA-FIX	SOP-003G-r10, Facility Inspection Plan	Procedure Implementation	3/14/2002	3/14/2002	N/A		0.25	Yes	Pass	Yes	
Davis	Mike	PERMA-FIX	SOP-007C, Personal Protective Equipment	Procedure Implementation	3/14/2002	3/14/2002	N/A		0.25	Yes	Pass	Yes	
Davis	Mike	PERMA-FIX	OSHA 8 Hour Refresher Training	Regulatory Requirement	3/15/2002	3/15/2002	N/A		8.00	Yes	Pass	Yes	
Davis	Mike	PERMA-FIX	SOP-025R-r0, Vehicle Radiological Survey	Procedure Implementation	3/15/2002	3/15/2002	N/A		0.50	Yes	Pass	Yes	
Davis	Mike	PERMA-FIX	SOP-045R-r0, Svy of Rad Mat and Wst Sh	Procedure Implementation	3/15/2002	3/15/2002	N/A		0.40	Yes	Pass	Yes	
Davis	Mike	PERMA-FIX	SOP-006R, Radiological Control, LSV	Procedure Implementation	3/27/2002	3/27/2002	N/A		0.40	Yes	Pass	Yes	
Davis	Mike	PERMA-FIX	SOP-045R-r0, Svy of Rad Mat and Wst Sh	Procedure Implementation	3/27/2002	3/27/2002	N/A		0.70	Yes	Pass	Yes	
Davis	Mike	PERMA-FIX	SOP-018R, Determ. of Fissile Mat'l Mass	Procedure Implementation	4/3/2002	4/3/2002	N/A		1.10	Yes	Pass	Yes	
Davis	Mike	PERMA-FIX	SOP-008G, Evac. Drills, An. Fire Drill	Procedure Implementation	4/4/2002	4/4/2002	N/A		1.00	Yes	Pass	Yes	
Davis	Mike	PERMA-FIX	SOP-009C, Confined Space Entry	Procedure Implementation	4/11/2002	4/11/2002	N/A		0.50	Yes	Pass	Yes	
Davis	Mike	PERMA-FIX	SOP-013C, Lockout / Tagout	Procedure Implementation	4/11/2002	4/11/2002	N/A		0.50	Yes	Pass	Yes	
Davis	Mike	PERMA-FIX	SOP-019R, Uran, Thor, Radium Calculatio	Procedure Implementation	4/17/2002	4/17/2002	N/A		0.75	Yes	Pass	Yes	
Davis	Mike	PERMA-FIX	OSHA, IC Lift Truck Operator Training	Operator Refresher	6/12/2002	6/12/2002	Ring Power	6/12/2005	3.75	Yes	Pass	Yes	
Davis	Mike	PERMA-FIX	SOP-003E, Industrial Lift Truck Operator	Procedure Implementation	6/12/2002	6/12/2002	N/A		0.50	Yes	Pass	Yes	
Davis	Mike	PERMA-FIX	Lab Pack Decommission Overview	Pre Procedure Training	6/24/2002	6/24/2002	N/A		1.00	Yes	Pass	Yes	
Davis	Mike	PERMA-FIX	Radiation Protection, Annual Refresher	Annual Refresher	8/30/2002	8/30/2002	N/A		8.00	Yes	Pass	Yes	
Davis	Mike	PERMA-FIX	SOP-010Q, Stop Work Authorization	Procedure Implementation	10/2/2002	10/2/2002	N/A		0.50	Yes	Pass	Yes	
Davis	Mike	PERMA-FIX	MP2 W/O Usage, Review and Completion	Work Order Usage	11/5/2002	11/5/2002	N/A		0.50	Yes	Pass	Yes	
Total									36.85	0.00			

Employee Code DavisP

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Davis	Phillip	PERMA-FIX	SOP-018R, Determ. of Fissile Mat'l Mass	Procedure Implementation	4/3/2002	4/3/2002	N/A		1.10	Yes	Pass	Yes	
Davis	Phillip	PERMA-FIX	SOP-008G, Evac. Drills, An. Fire Drill	Procedure Implementation	4/4/2002	4/4/2002	N/A		1.00	Yes	Pass	Yes	
Davis	Phillip	PERMA-FIX	SOP-009C, Confined Space Entry	Procedure Implementation	4/11/2002	4/11/2002	N/A		0.50	Yes	Pass	Yes	
Davis	Phillip	PERMA-FIX	SOP-019R, Uran, Thor, Radium Calculatio	Procedure Implementation	4/17/2002	4/17/2002	N/A		0.75	Yes	Pass	Yes	
Davis	Phillip	PERMA-FIX	SOP-002I, Industrial Waste Sampling	Procedure Implementation	6/12/2002	6/12/2002	N/A		0.50	Yes	Pass	Yes	
Davis	Phillip	PERMA-FIX	OSHA, IC Lift Truck Operator Training	Operator Refresher	6/20/2002	6/20/2002	Ring Power	6/20/2005	3.00	Yes	Pass	Yes	
Davis	Phillip	PERMA-FIX	SOP-003E, Industrial Lift Truck Operator	Procedure Implementation	6/20/2002	6/20/2002	N/A		0.50	Yes	Pass	Yes	
Davis	Phillip	PERMA-FIX	Haz. Materials Training 49 CFR 172.704	Materials Transportation	7/9/2002	7/9/2002	Infotrac	7/9/2005	5.00	Yes	Pass	Yes	
Davis	Phillip	PERMA-FIX	SOP-015Q-r1, C&D of N-C, Comm.&Wast	Procedure Implementation	7/17/2002	7/17/2002	N/A		1.00	Yes	Pass	Yes	
Davis	Phillip	PERMA-FIX	SOP-001I-r0, Drum Unld.& Accountability	Procedure Implementation	7/18/2002	7/18/2002	N/A		0.70	Yes	Pass	Yes	
Davis	Phillip	PERMA-FIX	Container Closure	Proper Performance	8/1/2002	8/1/2002	N/A		0.45	Yes	Pass	Yes	
Davis	Phillip	PERMA-FIX	Radiation Protection, Annual Refresher	Annual Refresher	9/13/2002	9/13/2002	N/A		8.00	Yes	Pass	Yes	
Davis	Phillip	PERMA-FIX	SOP-010Q, Stop Work Authorization	Procedure Implementation	10/2/2002	10/2/2002	N/A		0.50	Yes	Pass	Yes	
Davis	Phillip	PERMA-FIX	MP2 W/O Usage, Review and Completion	Work Order Usage	11/5/2002	11/5/2002	N/A		0.50	Yes	Pass	Yes	
Total									23.50	0.00			

Employee Code DeryD

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Dery	David	PERMA-FIX	SOP-008G, Evac. Drills, An. Fire Drill	Procedure Implementation	4/4/2002	4/4/2002	N/A		1.00	Yes	Pass	Yes	
Total									1.00	0.00			

Employee Code DoddD

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Dodd	Danny	PERMA-FIX	SOP-002TP, Chemical Handling	Procedure Implementation	1/31/2002	1/31/2002	N/A		0.25	Yes	Pass	Yes	
Dodd	Danny	PERMA-FIX	SOP-024TP, Chemical Storage	Procedure Implementation	1/31/2002	1/31/2002	N/A		0.25	Yes	Pass	Yes	
Dodd	Danny	PERMA-FIX	Annual Respirator Fit Test	Proper Fit Verification	2/5/2002	2/5/2002	3M	2/5/2003	0.50	Yes	Pass	Yes	
Dodd	Danny	PERMA-FIX	SOP-005R, Air Handling MW Unit	Procedure Implementation	2/13/2002	2/13/2002	N/A		0.30	Yes	Pass	Yes	
Dodd	Danny	PERMA-FIX	SOP-007R-r1, Rad. Control, Trt Unit	Procedure Implementation	2/13/2002	2/13/2002	N/A		0.75	Yes	Pass	Yes	
Dodd	Danny	PERMA-FIX	SOP-044R-r0, Perf Ver/Handling Surv Inst	Procedure Implementation	2/13/2002	2/13/2002	N/A		1.00	Yes	Pass	Yes	
Dodd	Danny	PERMA-FIX	SOP-004T-r1, Safe Shutdown	Procedure Implementation	2/28/2002	2/28/2002	N/A		0.25	Yes	Pass	Yes	
Dodd	Danny	PERMA-FIX	SOP-008C-R3, Incident Rpt- Investigation	Procedure Implementation	2/28/2002	2/28/2002	N/A		0.50	Yes	Pass	Yes	
Dodd	Danny	PERMA-FIX	SOP-008T-r1, Q Hut Operations	Procedure Implementation	2/28/2002	2/28/2002	N/A		0.50	Yes	Pass	Yes	
Dodd	Danny	PERMA-FIX	SOP-003G-r10, Facility Inspection Plan	Procedure Implementation	3/14/2002	3/14/2002	N/A		0.25	Yes	Pass	Yes	
Dodd	Danny	PERMA-FIX	SOP-007C, Personal Protective Equipment	Procedure Implementation	3/14/2002	3/14/2002	N/A		0.25	Yes	Pass	Yes	
Dodd	Danny	PERMA-FIX	OSHA 8 Hour Refresher Training	Regulatory Requirement	3/15/2002	3/15/2002	N/A		8.00	Yes	Pass	Yes	
Dodd	Danny	PERMA-FIX	Haz. Materials Training 49 CFR 172.704	Materials Transportation	3/26/2002	3/26/2002	Infotrac	3/26/2005	5.00	Yes	Pass	Yes	
Dodd	Danny	PERMA-FIX	SOP-006R, Radiological Control, LSV	Procedure Implementation	3/27/2002	3/27/2002	N/A		0.40	Yes	Pass	Yes	
Dodd	Danny	PERMA-FIX	SOP-045R-r0, Svy of Rad Mat and Wst Sh	Procedure Implementation	3/27/2002	3/27/2002	N/A		0.70	Yes	Pass	Yes	
Dodd	Danny	PERMA-FIX	SOP-008G, Evac. Drills, An. Fire Drill	Procedure Implementation	4/4/2002	4/4/2002	N/A		1.00	Yes	Pass	Yes	
Dodd	Danny	PERMA-FIX	Fundamental Concepts of PFI Treatment	Process Concepts	4/10/2002	4/10/2002	N/A		1.00	Yes	Pass	Yes	
Dodd	Danny	PERMA-FIX	SOP-001E, Op of Pneu Drum Tumbler	Procedure Implementation	4/10/2002	4/10/2002	N/A		0.75	Yes	Pass	Yes	
Dodd	Danny	PERMA-FIX	SOP-009C, Confined Space Entry	Procedure Implementation	4/11/2002	4/11/2002	N/A		0.50	Yes	Pass	Yes	
Dodd	Danny	PERMA-FIX	SOP-013C, Lockout / Tagout	Procedure Implementation	4/11/2002	4/11/2002	N/A		0.50	Yes	Pass	Yes	
Dodd	Danny	PERMA-FIX	OSHA, IC Lift Truck Operator Training	Operator Refresher	6/12/2002	6/12/2002	Ring Power	6/12/2005	3.75	Yes	Pass	Yes	
Dodd	Danny	PERMA-FIX	SOP-003E, Industrial Lift Truck Operator	Procedure Implementation	6/12/2002	6/12/2002	N/A		0.50	Yes	Pass	Yes	
Dodd	Danny	PERMA-FIX	Hazcom - Asbestos Update	Handling Requirements	6/17/2002	6/17/2002	N/A		0.40	Yes	Pass	Yes	
Dodd	Danny	PERMA-FIX	Lab Pack Decommission Overview	Pre Procedure Training	6/24/2002	6/24/2002	N/A		1.00	Yes	Pass	Yes	
Dodd	Danny	PERMA-FIX	SOP-015Q-r1, C&D of N-C, Comm.&Wast	Procedure Implementation	7/17/2002	7/17/2002	N/A		1.00	Yes	Pass	Yes	
Dodd	Danny	PERMA-FIX	Container Closure	Proper Performance	8/1/2002	8/1/2002	N/A		0.45	Yes	Pass	Yes	
Dodd	Danny	PERMA-FIX	Radiation Protection, Annual Refresher	Annual Refresher	8/30/2002	8/30/2002	N/A		8.00	Yes	Pass	Yes	
Dodd	Danny	PERMA-FIX	Drum Acceptance Criteria	NCR Corrective Action	9/17/2002	9/17/2002	N/A		0.25	Yes	Pass	Yes	
Dodd	Danny	PERMA-FIX	Surcharge Schedule	NCR Corrective Action	9/17/2002	9/17/2002	N/A		0.25	Yes	Pass	Yes	
Dodd	Danny	PERMA-FIX	Waste Acceptance Criteria	NCR Corrective Action	9/17/2002	9/17/2002	N/A		0.25	Yes	Pass	Yes	
Dodd	Danny	PERMA-FIX	SOP-010Q, Stop Work Authorization	Procedure Implementation	10/2/2002	10/2/2002	N/A		0.50	Yes	Pass	Yes	
Dodd	Danny	PERMA-FIX	MP2 W/O Usage, Review and Completion	Work Order Usage	11/5/2002	11/5/2002	N/A		0.50	Yes	Pass	Yes	
Dodd	Danny	PERMA-FIX	RCRA Haz Waste Regulations Course	Regulation Knowledge	11/18/2002	11/22/2002	McCoy and Asso		31.00	3.01	Yes	Pass	Yes
Dodd	Danny	PERMA-FIX	SOP-006E, AECS System Operation	Procedure Implementation	12/11/2002	12/11/2002	N/A		0.75	Yes	Pass	Yes	
Total									71.25	3.01			

Dorney, Mike	PERMA-FIX	Annual Respirator Fit Test	Proper Fit Verification	2/5/2002	2/5/2002	N/A	2/5/2003	0.50	Yes	Pass	Yes
Dorney, Mike	PERMA-FIX	SOP-005R, Air Handling MW Unit	Procedure Implementation	2/13/2002	2/13/2002	N/A		0.30	Yes	Pass	Yes
Dorney, Mike	PERMA-FIX	SOP-007R-r1, Rad. Control, Trt Unit	Procedure Implementation	2/13/2002	2/13/2002	N/A		0.75	Yes	Pass	Yes
Dorney, Mike	PERMA-FIX	SOP-044R-r0, Perf Ver/Handling Surv Inst	Procedure Implementation	2/13/2002	2/13/2002	N/A		1.00	Yes	Pass	Yes
Dorney, Mike	PERMA-FIX	SOP-004T-r1, Safe Shutdown	Procedure Implementation	2/28/2002	2/28/2002	N/A		0.25	Yes	Pass	Yes
Dorney, Mike	PERMA-FIX	SOP-008C-R3, Incident Rpt- Investigation	Procedure Implementation	2/28/2002	2/28/2002	N/A		0.50	Yes	Pass	Yes
Dorney, Mike	PERMA-FIX	SOP-008T-r1, Q Hut Operations	Procedure Implementation	2/28/2002	2/28/2002	N/A		0.50	Yes	Pass	Yes
Dorney, Mike	PERMA-FIX	OSHA 8 Hour Refresher Training	Regulatory Required	3/8/2002	3/8/2002	N/A		8.00	Yes	Pass	Yes
Dorney, Mike	PERMA-FIX	SOP-003G-r10, Facility Inspection Plan	Procedure Implementation	3/14/2002	3/14/2002	N/A		0.25	Yes	Pass	Yes
Dorney, Mike	PERMA-FIX	SOP-007C, Personal Protective Equipment	Procedure Implementation	3/14/2002	3/14/2002	N/A		0.25	Yes	Pass	Yes
Dorney, Mike	PERMA-FIX	Fundamental Concepts of PFI Treatment	Process Concepts	4/10/2002	4/10/2002	N/A		1.00	Yes	Pass	Yes
Dorney, Mike	PERMA-FIX	SOP-001E, Op of Pneu Drum Tumbler	Procedure Implementation	4/10/2002	4/10/2002	N/A		0.75	Yes	Pass	Yes
Dorney, Mike	PERMA-FIX	Hazcom - Asbestos Update	Handling Requirements	6/17/2002	6/17/2002	N/A		0.40	Yes	Pass	Yes
Dorney, Mike	PERMA-FIX	OSHA, IC Lift Truck Operator Training	Operator Refresher	6/20/2002	6/20/2002	Ring Power	6/20/2005	3.00	Yes	Pass	Yes
Dorney, Mike	PERMA-FIX	SOP-003E, Industrial Lift Truck Operator	Procedure Implementation	6/20/2002	6/20/2002	N/A		0.50	Yes	Pass	Yes
Dorney, Mike	PERMA-FIX	Employee Left Company - No further entry		8/1/2002	8/1/2002				No		No
Total								18.45	0.00		

Employee Code DouglasP											
Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified
Douglas	Phyllis	PERMA-FIX	SOP-008G, Evac. Drills, An. Fire Drill	Procedure Implementation	4/4/2002	4/4/2002	N/A		1.00	Yes	Pass
Douglas	Phyllis	PERMA-FIX	SOP-015Q-r1, C&D of N-C, Comm.&Waste	Procedure Implementation	7/17/2002	7/17/2002	N/A		1.00	Yes	Pass
Total									2.00	0.00	

Employee Code EmersonJ											
Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified
Emerson	Jenny	PERMA-FIX	SOP-008G, Evac. Drills, An. Fire Drill	Procedure Implementation	4/4/2002	4/4/2002	N/A		1.00	Yes	Pass
Total									1.00	0.00	

Employee Code FisherE											
Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified
Fisher	Earl	PERMA-FIX	Annual Respirator Fit Test	Proper Fit	2/20/2002	2/20/2002	N/A	2/20/2003	0.50	Yes	Pass
Fisher	Earl	PERMA-FIX	OSHA 8 Hour Refresher Training	Regulatory Requirement	3/8/2002	3/8/2002	N/A		8.00	Yes	Pass
Fisher	Earl	PERMA-FIX	SOP-008G, Evac. Drills, An. Fire Drill	Procedure Implementation	4/4/2002	4/4/2002	N/A		1.00	Yes	Pass
Fisher	Earl	PERMA-FIX	SOP-015Q-r1, C&D of N-C, Comm.&Waste	Procedure Implementation	10/16/2002	10/16/2002	N/A		1.50	Yes	Pass
Total									11.00	0.00	

Employee Code GainousM											
Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified
Gainous	Margaret	PERMA-FIX	SOP-008G, Evac. Drills, An. Fire Drill	Procedure Implementation	4/4/2002	4/4/2002	N/A		1.00	Yes	Pass
Total									1.00	0.00	

Employee Code GainousP											
Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified
Gainous	Phillip	PERMA-FIX	SOP-002TP, Chemical Handling	Procedure Implementation	1/31/2002	1/31/2002	N/A		0.25	Yes	Pass
Gainous	Phillip	PERMA-FIX	SOP-024TP, Chemical Storage	Procedure Implementation	1/31/2002	1/31/2002	N/A		0.25	Yes	Pass
Gainous	Phillip	PERMA-FIX	Annual Respirator Fit Test	Proper Fit Verification	2/5/2002	2/5/2002	3M	2/5/2003	0.50	Yes	Pass
Gainous	Phillip	PERMA-FIX	Haz. Materials Training 49 CFR 172.704	Materials Handling	2/9/2002	2/9/2002	Infotrac	2/9/2005	5.00	Yes	Pass
Gainous	Phillip	PERMA-FIX	SOP-005R, Air Handling MW Unit	Procedure Implementation	2/13/2002	2/13/2002	N/A		0.30	Yes	Pass
Gainous	Phillip	PERMA-FIX	SOP-007R-r1, Rad. Control, Trt Unit	Procedure Implementation	2/13/2002	2/13/2002	N/A		0.75	Yes	Pass
Gainous	Phillip	PERMA-FIX	SOP-044R-r0, Perf Ver/Handling Surv Inst	Procedure Implementation	2/13/2002	2/13/2002	N/A		1.00	Yes	Pass
Gainous	Phillip	PERMA-FIX	SOP-004T-r1, Safe Shutdown	Procedure Implementation	2/28/2002	2/28/2002	N/A		0.25	Yes	Pass
Gainous	Phillip	PERMA-FIX	SOP-008C-R3, Incident Rpt- Investigation	Procedure Implementation	2/28/2002	2/28/2002	N/A		0.50	Yes	Pass
Gainous	Phillip	PERMA-FIX	SOP-008T-r1, Q Hut Operations	Procedure Implementation	2/28/2002	2/28/2002	N/A		0.50	Yes	Pass
Gainous	Phillip	PERMA-FIX	OSHA 8 Hour Refresher Training	Regulatory Requirement	3/8/2002	3/8/2002	N/A		8.00	Yes	Pass
Gainous	Phillip	PERMA-FIX	SOP-003G-r10, Facility Inspection Plan	Procedure Implementation	3/14/2002	3/14/2002	N/A		0.25	Yes	Pass
Gainous	Phillip	PERMA-FIX	SOP-007C, Personal Protective Equipment	Procedure Implementation	3/14/2002	3/14/2002	N/A		0.25	Yes	Pass
Gainous	Phillip	PERMA-FIX	SOP-006R, Radiological Control, LSV	Procedure Implementation	3/27/2002	3/27/2002	N/A		0.40	Yes	Pass
Gainous	Phillip	PERMA-FIX	SOP-045R-r0, Svy of Rad Mat and Wst Sh	Procedure Implementation	3/27/2002	3/27/2002	N/A		0.70	Yes	Pass
Gainous	Phillip	PERMA-FIX	SOP-008G, Evac. Drills, An. Fire Drill	Procedure Implementation	4/4/2002	4/4/2002	N/A		1.00	Yes	Pass
Gainous	Phillip	PERMA-FIX	SOP-001E, Op of Pneu Drum Tumbler	Procedure Implementation	4/10/2002	4/10/2002	N/A		0.75	Yes	Pass
Gainous	Phillip	PERMA-FIX	SOP-009C, Confined Space Entry	Procedure Implementation	4/11/2002	4/11/2002	N/A		0.50	Yes	Pass
Gainous	Phillip	PERMA-FIX	SOP-013C, Lockout / Tagout	Procedure Implementation	4/11/2002	4/11/2002	N/A		0.50	Yes	Pass
Gainous	Phillip	PERMA-FIX	OSHA, IC Lift Truck Operator Training	Operator Refresher	6/12/2002	6/12/2002	Ring Power	6/12/2005	3.75	Yes	Pass
Gainous	Phillip	PERMA-FIX	SOP-002I, Industrial Waste Sampling	Procedure Implementation	6/12/2002	6/12/2002	N/A		0.50	Yes	Pass
Gainous	Phillip	PERMA-FIX	SOP-003E, Industrial Lift Truck Operator	Procedure Implementation	6/12/2002	6/12/2002	N/A		0.50	Yes	Pass
Gainous	Phillip	PERMA-FIX	SOP-015Q-r1, C&D of N-C, Comm.&Waste	Procedure Implementation	7/17/2002	7/17/2002	N/A		1.00	Yes	Pass
Gainous	Phillip	PERMA-FIX	Container Closure	Proper Performance	8/1/2002	8/1/2002	N/A		0.45	Yes	Pass
Gainous	Phillip	PERMA-FIX	Radiation Protection, Annual Refresher	Annual Refresher	8/30/2002	8/30/2002	N/A		8.00	Yes	Pass
Gainous	Phillip	PERMA-FIX	Drum Acceptance Criteria	NCR Corrective Action	9/17/2002	9/17/2002	N/A		0.25	Yes	Pass
Gainous	Phillip	PERMA-FIX	Surcharge Schedule	NCR Corrective Action	9/17/2002	9/17/2002	N/A		0.25	Yes	Pass
Gainous	Phillip	PERMA-FIX	Waste Acceptance Criteria	NCR Corrective Action	9/17/2002	9/17/2002	N/A		0.25	Yes	Pass
Gainous	Phillip	PERMA-FIX	Container Closure, Nitrate Label Rqments	Proper Performance	9/20/2002	9/20/2002	N/A		0.40	Yes	Pass
Gainous	Phillip	PERMA-FIX	SOP-010Q, Stop Work Authorization	Procedure Implementation	10/2/2002	10/2/2002	N/A		0.50	Yes	Pass
Gainous	Phillip	PERMA-FIX	DOT Refresher, Storage Requirements	Storage Requirements	12/5/2002	12/5/2002	N/A		0.40	Yes	Pass
Total									37.90	0.00	

Employee Code GardnerD											
Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified
Gardner	David	PERMA-FIX	SOP-003Q, Corrective Action	Procedure Implementation	1/7/2002	1/7/2002	N/A		0.50	Yes	Pass
Gardner	David	PERMA-FIX	SOP-004Q, Cntrl & Distribution of Docs.	Procedure Implementation	1/21/2002	1/21/2002	N/A		0.50	Yes	Pass
Gardner	David	PERMA-FIX	SOP-010Q, Stop Work Authorization	Procedure Implementation	1/21/2002	1/21/2002	N/A		0.50	Yes	Pass
Gardner	David	PERMA-FIX	SOP-005Q, Vendor Selection, use of AVU	Procedure Implementation	1/28/2002	1/28/2002	N/A		0.50	Yes	Pass
Gardner	David	PERMA-FIX	SOP-015Q, C/D of Non Conforming Items	Procedure Implementation	1/28/2002	1/28/2002	N/A		0.50	Yes	Pass
Gardner	David	PERMA-FIX	SOP-006Q, QA Management Assessments	Procedure Implementation	2/4/2002	2/4/2002	N/A		0.50	Yes	Pass
Gardner	David	PERMA-FIX	SOP-007Q, Qual of Audit/Surv Personnel	Procedure Implementation	2/4/2002	2/4/2002	N/A		0.50	Yes	Pass
Gardner	David	PERMA-FIX	Annual Respirator Fit Test	Proper Fit Verification	2/5/2002	2/5/2002	3M	2/5/2003	0.50	Yes	Pass
Gardner	David	PERMA-FIX	SOP-009Q, ID Storage and Disp of Recor	Procedure Implementation	2/11/2002	2/11/2002	N/A		0.50	Yes	Pass
Gardner	David	PERMA-FIX	SOP-014C, Chemical Hygiene Plan	Procedure Implementation	2/14/2002	2/14/2002	N/A		0.75	Yes	Pass
Gardner	David	PERMA-FIX	SOP-011Q, Receiving Inspection of Items	Procedure Implementation	3/11/2002	3/11/2002	N/A		0.50	Yes	Pass
Gardner	David	PERMA-FIX	OSHA 8 Hour Refresher Training	Regulatory Requirement	3/15/2002	3/15/2002	N/A		8.00	Yes	Pass
Gardner	David	PERMA-FIX	SOP-008G, Evac. Drills, An. Fire Drill	Procedure Implementation	4/4/2002	4/4/2002	N/A		1.00	Yes	Pass
Gardner	David	PERMA-FIX	SOP-015Q-r1, C&D of N-C, Comm.&Waste	Procedure Implementation	7/17/2002	7/17/2002	N/A		1.00	Yes	Pass
Gardner	David	PERMA-FIX	Radiation Protection, Annual Refresher	Annual Refresher	10/1/2002	10/1/2002	N/A		8.00	Yes	Pass
Gardner	David	PERMA-FIX	MP2 W/O Usage, Review and Completion	Work Order Usage	11/5/2002	11/5/2002	N/A		0.50	Yes	Pass
Total									24.25	0.00	

Employee Code GordonC											
Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified
Gordon	Carl	PERMA-FIX	SOP-002TP, Chemical Handling	Procedure Implementation	1/31/2002	1/31/2002	N/A		0.25	Yes	Pass
Gordon	Carl	PERMA-FIX	SOP-024TP, Chemical Storage	Procedure Implementation	1/31/2002	1/31/2002	N/A		0.25	Yes	Pass

Gordon	Carl	PERMA-FIX	SOP-007R-r1, Rad. Control, Trt Unit	Procedure Implementation	2/13/2002	2/13/2002	N/A	0.75	Yes	Pass	Yes
Gordon	Carl	PERMA-FIX	SOP-044R-r0, Perf Ver/Handling Surv Inst	Procedure Implementation	2/13/2002	2/13/2002	N/A	1.00	Yes	Pass	Yes
Gordon	Carl	PERMA-FIX	Annual Respirator Fit Test	Proper Fit	2/20/2002	2/20/2002	N/A	0.50	Yes	Pass	Yes
Gordon	Carl	PERMA-FIX	Haz. Materials Training 49 CFR 172.704	Materials Handling	2/21/2002	2/21/2002	Infotrac	5.00	Yes	Pass	Yes
Gordon	Carl	PERMA-FIX	SOP-004T-r1, Safe Shutdown	Procedure Implementation	2/28/2002	2/28/2002	N/A	0.25	Yes	Pass	Yes
Gordon	Carl	PERMA-FIX	SOP-008C-R3, Incident Rpt- Investigation	Procedure Implementation	2/28/2002	2/28/2002	N/A	0.50	Yes	Pass	Yes
Gordon	Carl	PERMA-FIX	SOP-008T-r1, Q Hut Operations	Procedure Implementation	2/28/2002	2/28/2002	N/A	0.50	Yes	Pass	Yes
Gordon	Carl	PERMA-FIX	OSHA 8 Hour Refresher Training	Regulatory Required	3/8/2002	3/8/2002	N/A	8.00	Yes	Pass	Yes
Gordon	Carl	PERMA-FIX	SOP-003G-r10, Facility Inspection Plan	Procedure Implementation	3/14/2002	3/14/2002	N/A	0.25	Yes	Pass	Yes
Gordon	Carl	PERMA-FIX	SOP-007C, Personal Protective Equipment	Procedure Implementation	3/14/2002	3/14/2002	N/A	0.25	Yes	Pass	Yes
Gordon	Carl	PERMA-FIX	SOP-008G, Evac. Drills, An. Fire Drill	Procedure Implementation	4/4/2002	4/4/2002	N/A	1.00	Yes	Pass	Yes
Gordon	Carl	PERMA-FIX	Industrial Lifttruck Operator Training	Remedial Training	4/9/2002	4/9/2002	Ring Power	4.00	Yes	Pass	Yes
Gordon	Carl	PERMA-FIX	SOP-001G, Powered Industrial Lift Trk Op	Procedure Implementation	4/9/2002	4/9/2002	N/A	0.50	Yes	Pass	Yes
Gordon	Carl	PERMA-FIX	Fundamental Concepts of PFII Treatmnt	Process Concepts	4/10/2002	4/10/2002	N/A	1.00	Yes	Pass	Yes
Gordon	Carl	PERMA-FIX	SOP-001E, Op of Pneu Drum Tumbler	Procedure Implementation	4/10/2002	4/10/2002	N/A	0.75	Yes	Pass	Yes
Gordon	Carl	PERMA-FIX	SOP-009C, Confined Space Entry	Procedure Implementation	4/11/2002	4/11/2002	N/A	0.50	Yes	Pass	Yes
Gordon	Carl	PERMA-FIX	SOP-013C, Lockout / Tagout	Procedure Implementation	4/11/2002	4/11/2002	N/A	0.50	Yes	Pass	Yes
Gordon	Carl	PERMA-FIX	OSHA, IC Lift Truck Operator Training	Operator Refresher	6/12/2002	6/12/2002	Ring Power	3.75	Yes	Pass	Yes
Gordon	Carl	PERMA-FIX	SOP-003E, Industrial Lift Truck Operator	Procedure Implementation	6/12/2002	6/12/2002	N/A	0.50	Yes	Pass	Yes
Gordon	Carl	PERMA-FIX	Hazcom - Asbestos Update	Handling Requirements	6/17/2002	6/17/2002	N/A	0.40	Yes	Pass	Yes
Gordon	Carl	PERMA-FIX	SOP-015Q-r1, C&D of N-C, Comm.&Wast	Procedure Implementation	7/17/2002	7/17/2002	N/A	1.00	Yes	Pass	Yes
Gordon	Carl	PERMA-FIX	Radiation Protection, Annual Refresher	Annual Refresher	8/30/2002	8/30/2002	N/A	8.00	Yes	Pass	Yes
Gordon	Carl	PERMA-FIX	SOP-010Q, Stop Work Authorization	Procedure Implementation	10/2/2002	10/2/2002	N/A	0.50	Yes	Pass	Yes
Total								40.20	0.00		

Employee Code GreenD

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Green	Doug	PERMA-FIX	SOP-002TP, Chemical Handling	Procedure Implementation	1/31/2002	1/31/2002	N/A		0.25		Yes	Pass	Yes
Green	Doug	PERMA-FIX	SOP-024TP, Chemical Storage	Procedure Implementation	1/31/2002	1/31/2002	N/A		0.25		Yes	Pass	Yes
Green	Doug	PERMA-FIX	Annual Respirator Fit Test	Proper Fit Verification	2/5/2002	2/5/2002	3M	2/5/2003	0.50		Yes	Pass	Yes
Green	Doug	PERMA-FIX	SOP-005R, Air Handling MW Unit	Procedure Implementation	2/13/2002	2/13/2002	N/A		0.30		Yes	Pass	Yes
Green	Doug	PERMA-FIX	SOP-007R-r1, Rad. Control, Trt Unit	Procedure Implementation	2/13/2002	2/13/2002	N/A		0.75		Yes	Pass	Yes
Green	Doug	PERMA-FIX	SOP-044R-r0, Perf Ver/Handling Surv Inst	Procedure Implementation	2/13/2002	2/13/2002	N/A		1.00		Yes	Pass	Yes
Green	Doug	PERMA-FIX	Haz. Materials Training 49 CFR 172.704	Materials Transport	2/18/2002	2/18/2002	InfoTrac	2/18/2005	5.00		Yes	Pass	Yes
Green	Doug	PERMA-FIX	SOP-004T-r1, Safe Shutdown	Procedure Implementation	2/28/2002	2/28/2002	N/A		0.25		Yes	Pass	Yes
Green	Doug	PERMA-FIX	SOP-008C-R3, Incident Rpt- Investigation	Procedure Implementation	2/28/2002	2/28/2002	N/A		0.50		Yes	Pass	Yes
Green	Doug	PERMA-FIX	SOP-003G-r10, Facility Inspection Plan	Procedure Implementation	3/14/2002	3/14/2002	N/A		0.25		Yes	Pass	Yes
Green	Doug	PERMA-FIX	SOP-007C, Personal Protective Equipment	Procedure Implementation	3/14/2002	3/14/2002	N/A		0.25		Yes	Pass	Yes
Green	Doug	PERMA-FIX	OSHA 8 Hour Refresher Training	Regulatory Requirement	3/15/2002	3/15/2002	N/A		8.00		Yes	Pass	Yes
Green	Doug	PERMA-FIX	SOP-025R-r0, Vehicle Radiological Survey	Procedure Implementation	3/15/2002	3/15/2002	N/A		0.50		Yes	Pass	Yes
Green	Doug	PERMA-FIX	SOP-045R-r0, Svy of Rad Mat and Wst Sh	Procedure Implementation	3/15/2002	3/15/2002	N/A		0.40		Yes	Pass	Yes
Green	Doug	PERMA-FIX	SOP-006R, Radiological Control, LSV	Procedure Implementation	3/27/2002	3/27/2002	N/A		0.40		Yes	Pass	Yes
Green	Doug	PERMA-FIX	SOP-045R-r0, Svy of Rad Mat and Wst Sh	Procedure Implementation	3/27/2002	3/27/2002	N/A		0.70		Yes	Pass	Yes
Green	Doug	PERMA-FIX	SOP-008G, Evac. Drills, An. Fire Drill	Procedure Implementation	4/4/2002	4/4/2002	N/A		1.00		Yes	Pass	Yes
Green	Doug	PERMA-FIX	SOP-009C, Confined Space Entry	Procedure Implementation	4/11/2002	4/11/2002	N/A		0.50		Yes	Pass	Yes
Green	Doug	PERMA-FIX	SOP-013C, Lockout / Tagout	Procedure Implementation	4/11/2002	4/11/2002	N/A		0.50		Yes	Pass	Yes
Green	Doug	PERMA-FIX	SOP-002I, Industrial Waste Sampling	Procedure Implementation	6/12/2002	6/12/2002	N/A		0.50		Yes	Pass	Yes
Green	Doug	PERMA-FIX	OSHA, IC Lift Truck Operator Training	Operator refresher training	6/20/2002	6/20/2002	Ring Power	6/20/2005	3.00		Yes	Pass	Yes
Green	Doug	PERMA-FIX	SOP-003E, Industrial Lift Truck Operator	Procedure Implementation	6/20/2002	6/20/2002	N/A		0.50		Yes	Pass	Yes
Green	Doug	PERMA-FIX	SOP-015Q-r1, C&D of N-C, Comm.&Wast	Procedure Implementation	7/17/2002	7/17/2002	N/A		1.00		Yes	Pass	Yes
Green	Doug	PERMA-FIX	SOP-001I-r0, Drum Unid.& Accountability	Procedure Implementation	7/18/2002	7/18/2002	N/A		0.70		Yes	Pass	Yes
Green	Doug	PERMA-FIX	Container Closure	Proper Performance	8/1/2002	8/1/2002	N/A		0.45		Yes	Pass	Yes
Green	Doug	PERMA-FIX	Radiation Protection, Annual Refresher	Annual Refresher	9/13/2002	9/13/2002	N/A		8.00		Yes	Pass	Yes
Green	Doug	PERMA-FIX	Drum Acceptance Criteria	NCR Corrective Action	9/17/2002	9/17/2002	N/A		0.25		Yes	Pass	Yes
Green	Doug	PERMA-FIX	Surcharge Schedule	NCR Corrective Action	9/17/2002	9/17/2002	N/A		0.25		Yes	Pass	Yes
Green	Doug	PERMA-FIX	Waste Acceptance Criteria	NCR Corrective Action	9/17/2002	9/17/2002	N/A		0.25		Yes	Pass	Yes
Green	Doug	PERMA-FIX	Container Closure, Nitrate Label Rmngnts	Proper Performance	9/20/2002	9/20/2002	N/A		0.40		Yes	Pass	Yes
Green	Doug	PERMA-FIX	SOP-010Q, Stop Work Authorization	Procedure Implementation	10/2/2002	10/2/2002	N/A		0.50		Yes	Pass	Yes
Green	Doug	PERMA-FIX	MP2 W/O Usage, Review and Completion	Work Order Usage	11/5/2002	11/5/2002	N/A		0.50		Yes	Pass	Yes
Green	Doug	PERMA-FIX	IDOT Refresher, Storage Requirements	Storage Requirement	12/5/2002	12/5/2002	N/A		0.40		Yes	Pass	Yes
Total								38.00	0.00				

Employee Code GreenJ

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Green	Jerry	PERMA-FIX	SOP-002TP, Chemical Handling	Procedure Implementation	1/31/2002	1/31/2002	N/A		0.25		Yes	Pass	Yes
Green	Jerry	PERMA-FIX	SOP-024TP, Chemical Storage	Procedure Implementation	1/31/2002	1/31/2002	N/A		0.25		Yes	Pass	Yes
Green	Jerry	PERMA-FIX	Annual Respirator Fit Test	Proper Fit verification	2/5/2002	2/5/2002	3M	2/5/2003	0.50		Yes	Pass	Yes
Green	Jerry	PERMA-FIX	Haz. Materials Training 49 CFR 172.704	Materials Handling	2/12/2002	2/12/2002	Infotrac	2/12/2002	5.00		Yes	Pass	Yes
Green	Jerry	PERMA-FIX	SOP-005R, Air Handling MW Unit	Procedure Implementation	2/13/2002	2/13/2002	N/A		0.30		Yes	Pass	Yes
Green	Jerry	PERMA-FIX	SOP-007R-r1, Rad. Control, Trt Unit	Procedure Implementation	2/13/2002	2/13/2002	N/A		0.75		Yes	Pass	Yes
Green	Jerry	PERMA-FIX	SOP-044R-r0, Perf Ver/Handling Surv Inst	Procedure Implementation	2/13/2002	2/13/2002	N/A		1.00		Yes	Pass	Yes
Green	Jerry	PERMA-FIX	SOP-008C-R3, Incident Rpt- Investigation	Procedure Implementation	2/28/2002	2/28/2002	N/A		0.50		Yes	Pass	Yes
Green	Jerry	PERMA-FIX	OSHA 8 Hour Refresher Training	Regulatory Requirement	3/8/2002	3/8/2002	N/A		8.00		Yes	Pass	Yes
Green	Jerry	PERMA-FIX	SOP-003G-r10, Facility Inspection Plan	Procedure Implementation	3/14/2002	3/14/2002	N/A		0.25		Yes	Pass	Yes
Green	Jerry	PERMA-FIX	SOP-007C, Personal Protective Equipment	Procedure Implementation	3/14/2002	3/14/2002	N/A		0.25		Yes	Pass	Yes
Green	Jerry	PERMA-FIX	SOP-006R, Radiological Control, LSV	Procedure Implementation	3/27/2002	3/27/2002	N/A		0.40		Yes	Pass	Yes
Green	Jerry	PERMA-FIX	SOP-045R-r0, Svy of Rad Mat and Wst Sh	Procedure Implementation	3/27/2002	3/27/2002	N/A		0.70		Yes	Pass	Yes
Green	Jerry	PERMA-FIX	SOP-008G, Evac. Drills, An. Fire Drill	Procedure Implementation	4/4/2002	4/4/2002	N/A		1.00		Yes	Pass	Yes
Green	Jerry	PERMA-FIX	SOP-009C, Confined Space Entry	Procedure Implementation	4/11/2002	4/11/2002	N/A		0.50		Yes	Pass	Yes
Green	Jerry	PERMA-FIX	SOP-013C, Lockout / Tagout	Procedure Implementation	4/11/2002	4/11/2002	N/A		0.50		Yes	Pass	Yes
Green	Jerry	PERMA-FIX	OSHA, IC Lift Truck Operator Training	Refresher Training	6/12/2002	6/12/2002	Ring Power	6/12/2005	3.75		Yes	Pass	Yes
Green	Jerry	PERMA-FIX	SOP-002I, Industrial Waste Sampling	Procedure Implementation	6/12/2002	6/12/2002	N/A		0.50		Yes	Pass	Yes
Green	Jerry	PERMA-FIX	SOP-003E, Industrial Lift Truck Operator	Procedure Implementation	6/12/2002	6/12/2002	N/A		0.50		Yes	Pass	Yes
Green	Jerry	PERMA-FIX	SOP-015Q-r1, C&D of N-C, Comm.&Wast	Procedure Implementation	7/17/2002	7/17/2002	N/A		1.00		Yes	Pass	Yes
Green	Jerry	PERMA-FIX	SOP-001I-r0, Drum Unid.& Accountability	Procedure Implementation	7/18/2002	7/18/2002	N/A		0.70		Yes	Pass	Yes
Green	Jerry	PERMA-FIX	Container Closure	Proper Performance	8/1/2002	8/1/2002	N/A		0.45		Yes	Pass	Yes
Green	Jerry	PERMA-FIX	Radiation Protection, Annual Refresher	Annual Refresher	8/30/2002	8/30/2002	N/A		8.00		Yes	Pass	Yes
Green	Jerry	PERMA-FIX	Lab Pack Decommissioning	Safety Training	9/12/2002	9/12/2002	N/A		0.50		Yes	Pass	Yes
Green	Jerry	PERMA-FIX	Drum Acceptance Criteria	NCR Corrective Action	9/17/2002	9/17/2002	N/A		0.25		Yes	Pass	Yes
Green	Jerry	PERMA-FIX	Surcharge Schedule	NCR Corrective Action	9/17/2002	9/17/2002	N/A		0.25		Yes	Pass	Yes
Green	Jerry	PERMA-FIX	Waste Acceptance Criteria	NCR Corrective Action	9/17/2002	9/17/2002	N/A		0.25		Yes	Pass	Yes
Green	Jerry	PERMA-FIX	Container Closure, Nitrate Label Rmngnts	Proper Performance	9/20/2002	9/20/2002	N/A		0.40		Yes	Pass	Yes
Green	Jerry	PERMA-FIX	SOP-010Q, Stop Work Authorization	Procedure Implementation	10/2/2002	10/2/2002	N/A		0.50		Yes	Pass	Yes
Green	Jerry	PERMA-FIX	MP2 W/O Usage, Review and Completion	Work Order Usage	11/5/2002	11/5/2002	N/A		0.50		Yes	Pass	Yes
Total								37.70	0.00				

Employee Code HannahT

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Hannah	Tom	PERMA-FIX	SOP-002TP, Chemical Handling	Procedure Implementation	1/31/2002	1/31/2002	N/A		0.25		Yes	Pass	Yes
Hannah	Tom	PERMA-FIX	SOP-024TP, Chemical Storage	Procedure Implementation	1/31/2002	1/31/2002	N/A		0.25		Yes	Pass	Yes
Hannah	Tom	PERMA-FIX	Annual Respirator Fit Test	Proper Fit Verification	2/5/2002	2/5/2002	3M	2/5/2003	0.50		Yes	Pass	Yes
Hannah	Tom	PERMA-FIX	NMSS Reporting System, Perma-Fix	Improved Data Reporting	2/7/2002	2/7/2002	N/A		8.00		Yes	Pass	Yes
Hannah	Tom	PERMA-FIX	SOP-004T-r1, Safe Shutdown	Procedure Implementation	2/28/2002	2/28/2002	N/A		0.25		Yes	Pass	Yes
Hannah	Tom	PERMA-FIX	SOP-008C-R3, Incident Rpt- Investigation	Procedure Implementation	2/28/2002	2/28/2002	N/A		0.50		Yes	Pass	Yes
Hannah	Tom	PERMA-FIX	Haz. Materials Training 49 CFR 172.704	Materials Transportation	3/2/2002	3/2/2002	InfoTrac	3/2/2005	5.00		Yes	Pass	Yes
Hannah	Tom	PERMA-FIX	Waste Tracking - Manifest Entry	Program Implementation	3/11/2002	3/11/2002	N/A		3.00		Yes	Pass	Yes

Hannah	Tom	PERMA-FIX	SOP-007R, Personal Protective Equipment	Procedure Implementation	3/15/2002	3/15/2002	N/A		5.00	Yes	Pass	Yes
Hannah	Tom	PERMA-FIX	OSHA 8 Hour Refresher Training	Regulatory Requirement	3/15/2002	3/15/2002	N/A		0.50	Yes	Pass	Yes
Hannah	Tom	PERMA-FIX	SOP-025R-r0, Vehicle Radiological Survey	Procedure Implementation	3/15/2002	3/15/2002	N/A		0.40	Yes	Pass	Yes
Hannah	Tom	PERMA-FIX	SOP-045R-r0, Svy of Rad Mat and Wst Sh	Procedure Implementation	4/3/2002	4/3/2002	N/A		1.10	Yes	Pass	Yes
Hannah	Tom	PERMA-FIX	SOP-018R, Determ. of Fissile Mat'l Mass	Procedure Implementation	4/4/2002	4/4/2002	N/A		1.00	Yes	Pass	Yes
Hannah	Tom	PERMA-FIX	SOP-008G, Evac. Drills, An. Fire Drill	Procedure Implementation	4/17/2002	4/17/2002	N/A		0.75	Yes	Pass	Yes
Hannah	Tom	PERMA-FIX	SOP-019R, Uran, Thor, Radium Calculatio	Procedure Implementation	6/20/2002	6/20/2002	Ring Power	6/20/2005	3.00	Yes	Pass	Yes
Hannah	Tom	PERMA-FIX	SOP-003E, Industrial Lift Truck Operator	Procedure Implementation	7/18/2002	7/18/2002	N/A		0.50	Yes	Pass	Yes
Hannah	Tom	PERMA-FIX	SOP-0011-r0, Drum Unid. & Accountability	Procedure Familiarization	7/18/2002	7/18/2002	N/A		0.70	Yes	Pass	Yes
Hannah	Tom	PERMA-FIX	SOP-0021-r0, Industrial Waste Sampling	Procedure Implementation	7/18/2002	7/18/2002	N/A		0.25	Yes	Pass	Yes
Hannah	Tom	PERMA-FIX	SOP-015Q-r1, C&D of N-C, Comm.&Wast	Procedure Implementation	7/29/2002	7/29/2002	N/A		0.75	Yes	Pass	Yes
Hannah	Tom	PERMA-FIX	Container Closure	Proper Performance	8/1/2002	8/1/2002	N/A		0.45	Yes	Pass	Yes
Hannah	Tom	PERMA-FIX	Radiation Protection, Annual Refresher	Annual Refresher	9/13/2002	9/13/2002	N/A		8.00	Yes	Pass	Yes
Hannah	Tom	PERMA-FIX	Drum Acceptance Criteria	NCR Corrective Action	9/17/2002	9/17/2002	N/A		0.25	Yes	Pass	Yes
Hannah	Tom	PERMA-FIX	Surcharge Schedule	NCR Corrective Action	9/17/2002	9/17/2002	N/A		0.25	Yes	Pass	Yes
Hannah	Tom	PERMA-FIX	Waste Acceptance Criteria	NCR Corrective Action	9/17/2002	9/17/2002	N/A		0.25	Yes	Pass	Yes
Hannah	Tom	PERMA-FIX	Container Closure, Nitrate Label Rqments	Proper Performance	9/20/2002	9/20/2002	N/A		0.40	Yes	Pass	Yes
Hannah	Tom	PERMA-FIX	SOP-010Q, Stop Work Authorization	Procedure Implementation	10/2/2002	10/2/2002	N/A		0.50	Yes	Pass	Yes
Hannah	Tom	PERMA-FIX	MP2 W/O Usage, Review and Completion	Work Order Usage	11/5/2002	11/5/2002	N/A		0.50	Yes	Pass	Yes
Hannah	Tom	PERMA-FIX	Trans of Mixed Wst., Gen. Ship Issues	Process Knowledge	12/3/2002	12/3/2002	N/A		2.00	Yes	Pass	Yes
Total									47.80		0.00	

Employee Code HansenD

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Hansen	David	PERMA-FIX	SOP-008G, Evac. Drills, An. Fire Drill	Procedure Implementation	4/4/2002	4/4/2002	N/A		1.00		Yes	Pass	Yes
Total									1.00		0.00		

Employee Code HeltonC

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Helton	Captain	PERMA-FIX	SOP-002TP, Chemical Handling	Procedure Implementation	1/31/2002	1/31/2002	N/A		0.25		Yes	Pass	Yes
Helton	Captain	PERMA-FIX	SOP-024TP, Chemical Storage	Procedure Implementation	1/31/2002	1/31/2002	N/A		0.25		Yes	Pass	Yes
Helton	Captain	PERMA-FIX	Annual Respirator Fit Test	Proper Fit Verification	2/5/2002	2/5/2002	3M	2/5/2003	0.50		Yes	Pass	Yes
Helton	Captain	PERMA-FIX	SOP-005R, Air Handling MW Unit	Procedure Implementation	2/13/2002	2/13/2002	N/A		0.30		Yes	Pass	Yes
Helton	Captain	PERMA-FIX	SOP-007R-r1, Rad. Control, Trt Unit	Procedure Implementation	2/13/2002	2/13/2002	N/A		0.75		Yes	Pass	Yes
Helton	Captain	PERMA-FIX	SOP-044R-r0, Perf Ver/Handling Surv Inst	Procedure Implementation	2/13/2002	2/13/2002	N/A		1.00		Yes	Pass	Yes
Helton	Captain	PERMA-FIX	Haz. Materials Training 49 CFR 172.704	Materials Transportation	2/16/2002	2/16/2002	InfoTrac	2/16/2005	5.00		Yes	Pass	Yes
Helton	Captain	PERMA-FIX	SOP-004T-r1, Safe Shutdown	Procedure Implementation	2/28/2002	2/28/2002	N/A		0.25		Yes	Pass	Yes
Helton	Captain	PERMA-FIX	SOP-008C-R3, Incident Rpt- Investigation	Procedure Implementation	2/28/2002	2/28/2002	N/A		0.50		Yes	Pass	Yes
Helton	Captain	PERMA-FIX	OSHA 8 Hour Refresher Training	Regulatory Requirement	3/8/2002	3/8/2002	N/A		8.00		Yes	Pass	Yes
Helton	Captain	PERMA-FIX	SOP-003G-r10, Facility Inspection Plan	Procedure Implementation	3/14/2002	3/14/2002	N/A		0.25		Yes	Pass	Yes
Helton	Captain	PERMA-FIX	SOP-007C, Personal Protective Equipment	Procedure Implementation	3/14/2002	3/14/2002	N/A		0.25		Yes	Pass	Yes
Helton	Captain	PERMA-FIX	SOP-006R, Radiological Control, LSV	Procedure Implementation	3/27/2002	3/27/2002	N/A		0.40		Yes	Pass	Yes
Helton	Captain	PERMA-FIX	SOP-045R-r0, Svy of Rad Mat and Wst Sh	Procedure Implementation	3/27/2002	3/27/2002	N/A		0.70		Yes	Pass	Yes
Helton	Captain	PERMA-FIX	SOP-008G, Evac. Drills, An. Fire Drill	Procedure Implementation	4/4/2002	4/4/2002	N/A		1.00		Yes	Pass	Yes
Helton	Captain	PERMA-FIX	SOP-009C, Confined Space Entry	Procedure Implementation	4/11/2002	4/11/2002	N/A		0.50		Yes	Pass	Yes
Helton	Captain	PERMA-FIX	SOP-013C, Lockout / Tagout	Procedure Implementation	4/11/2002	4/11/2002	N/A		0.50		Yes	Pass	Yes
Helton	Captain	PERMA-FIX	OSHA, IC Lift Truck Operator Training	Operator Refresher	6/20/2002	6/20/2002	Ring Power	6/20/2005	3.00		Yes	Pass	Yes
Helton	Captain	PERMA-FIX	SOP-003E, Industrial Lift Truck Operator	Procedure Implementation	6/20/2002	6/20/2002	N/A		0.50		Yes	Pass	Yes
Helton	Captain	PERMA-FIX	SOP-015Q-r1, C&D of N-C, Comm.&Wast	Procedure Implementation	7/17/2002	7/17/2002	N/A		1.00		Yes	Pass	Yes
Helton	Captain	PERMA-FIX	SOP-0011-r0, Drum Unid. & Accountability	Procedure Implementation	7/18/2002	7/18/2002	N/A		0.70		Yes	Pass	Yes
Helton	Captain	PERMA-FIX	SOP-0021-r0, Industrial Waste Sampling	Procedure Implementation	7/18/2002	7/18/2002	N/A		0.25		Yes	Pass	Yes
Helton	Captain	PERMA-FIX	Container Closure	Proper Performance	8/1/2002	8/1/2002	N/A		0.45		Yes	Pass	Yes
Helton	Captain	PERMA-FIX	Radiation Protection, Annual Refresher	Annual Refresher	8/30/2002	8/30/2002	N/A		8.00		Yes	Pass	Yes
Helton	Captain	PERMA-FIX	Drum Acceptance Criteria	NCR Corrective Action	9/17/2002	9/17/2002	N/A		0.25		Yes	Pass	Yes
Helton	Captain	PERMA-FIX	Surcharge Schedule	NCR Corrective Action	9/17/2002	9/17/2002	N/A		0.25		Yes	Pass	Yes
Helton	Captain	PERMA-FIX	Waste Acceptance Criteria	NCR Corrective Action	9/17/2002	9/17/2002	N/A		0.25		Yes	Pass	Yes
Helton	Captain	PERMA-FIX	Container Closure, Nitrate Label Rqments	Proper Performance	9/20/2002	9/20/2002	N/A		0.40		Yes	Pass	Yes
Helton	Captain	PERMA-FIX	SOP-010Q, Stop Work Authorization	Procedure Implementation	10/2/2002	10/2/2002	N/A		0.50		Yes	Pass	Yes
Helton	Captain	PERMA-FIX	MP2 W/O Usage, Review and Completion	Work Order Usage	11/5/2002	11/5/2002	N/A		0.50		Yes	Pass	Yes
Helton	Captain	PERMA-FIX	DOT Refresher, Storage Requirements	Storage Requirements	12/5/2002	12/5/2002	N/A		0.40		Yes	Pass	Yes
Total									36.85		0.00		

Employee Code IttahP

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Ittah	Pam	PERMA-FIX	SOP-008G, Evac. Drills, An. Fire Drill	Procedure Implementation	4/4/2002	4/4/2002	N/A		1.00		Yes	Pass	Yes
Total									1.00		0.00		

Employee Code JonesN

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Jones	Nat	PERMA-FIX	SOP-002TP, Chemical Handling	Procedure Implementation	1/31/2002	1/31/2002	N/A		0.25		Yes	Pass	Yes
Jones	Nat	PERMA-FIX	SOP-024TP, Chemical Storage	Procedure Implementation	1/31/2002	1/31/2002	N/A		0.25		Yes	Pass	Yes
Jones	Nat	PERMA-FIX	Annual Respirator Fit Test	Proper Fit Verification	2/5/2002	2/5/2002	3M	2/5/2003	0.50		Yes	Pass	Yes
Jones	Nat	PERMA-FIX	SOP-005R, Air Handling MW Unit	Procedure Implementation	2/13/2002	2/13/2002	N/A		0.30		Yes	Pass	Yes
Jones	Nat	PERMA-FIX	SOP-007R-r1, Rad. Control, Trt Unit	Procedure Implementation	2/13/2002	2/13/2002	N/A		0.75		Yes	Pass	Yes
Jones	Nat	PERMA-FIX	SOP-044R-r0, Perf Ver/Handling Surv Inst	Procedure Implementation	2/13/2002	2/13/2002	N/A		1.00		Yes	Pass	Yes
Jones	Nat	PERMA-FIX	SOP-004T-r1, Safe Shutdown	Procedure Implementation	2/28/2002	2/28/2002	N/A		0.25		Yes	Pass	Yes
Jones	Nat	PERMA-FIX	SOP-008C-R3, Incident Rpt- Investigation	Procedure Implementation	2/28/2002	2/28/2002	N/A		0.50		Yes	Pass	Yes
Jones	Nat	PERMA-FIX	SOP-008T-r1, Q Hut Operations	Procedure Implementation	2/28/2002	2/28/2002	N/A		0.50		Yes	Pass	Yes
Jones	Nat	PERMA-FIX	OSHA 8 Hour Refresher Training	Regulatory Requirement	3/8/2002	3/8/2002	N/A		8.00		Yes	Pass	Yes
Jones	Nat	PERMA-FIX	SOP-003G-r10, Facility Inspection Plan	Procedure Implementation	3/14/2002	3/14/2002	N/A		0.25		Yes	Pass	Yes
Jones	Nat	PERMA-FIX	SOP-007C, Personal Protective Equipment	Procedure Implementation	3/14/2002	3/14/2002	N/A		0.25		Yes	Pass	Yes
Jones	Nat	PERMA-FIX	SOP-006R, Radiological Control, LSV	Procedure Implementation	3/21/2002	3/21/2002	N/A		0.25		Yes	Pass	Yes
Jones	Nat	PERMA-FIX	SOP-045R-r0, Svy of Rad Mat and Wst Sh	Procedure Implementation	3/21/2002	3/21/2002	N/A		0.55		Yes	Pass	Yes
Jones	Nat	PERMA-FIX	SOP-006R, Radiological Control, LSV	Procedure Implementation	3/27/2002	3/27/2002	N/A		0.40		Yes	Pass	Yes
Jones	Nat	PERMA-FIX	SOP-045R-r0, Svy of Rad Mat and Wst Sh	Procedure Implementation	3/27/2002	3/27/2002	N/A		0.70		Yes	Pass	Yes
Jones	Nat	PERMA-FIX	SOP-018R, Determ. of Fissile Mat'l Mass	Procedure Implementation	4/3/2002	4/3/2002	N/A		1.10		Yes	Pass	Yes
Jones	Nat	PERMA-FIX	SOP-008G, Evac. Drills, An. Fire Drill	Procedure Implementation	4/4/2002	4/4/2002	N/A		1.00		Yes	Pass	Yes
Jones	Nat	PERMA-FIX	Fundamental Concepts of PFII Treatment	Process Concepts	4/10/2002	4/10/2002	N/A		1.00		Yes	Pass	Yes
Jones	Nat	PERMA-FIX	SOP-001E, Op of Pneu Drum Tumbler	Procedure Implementation	4/10/2002	4/10/2002	N/A		0.75		Yes	Pass	Yes
Jones	Nat	PERMA-FIX	SOP-009C, Confined Space Entry	Procedure Implementation	4/11/2002	4/11/2002	N/A		0.50		Yes	Pass	Yes
Jones	Nat	PERMA-FIX	SOP-013C, Lockout / Tagout	Procedure Implementation	4/11/2002	4/11/2002	N/A		0.50		Yes	Pass	Yes
Jones	Nat	PERMA-FIX	Haz. Materials Training 49 CFR 172.704	Materials Transportation	4/17/2002	4/17/2002	InfoTrac	4/17/2005	5.00		Yes	Pass	Yes
Jones	Nat	PERMA-FIX	SOP-019R, Uran, Thor, Radium Calculatio	Procedure Implementation	4/17/2002	4/17/2002	N/A		0.75		Yes	Pass	Yes
Jones	Nat	PERMA-FIX	OSHA, IC Lift Truck Operator Training	Operator Refresher	6/12/2002	6/12/2002	Ring Power	6/12/2005	3.75		Yes	Pass	Yes
Jones	Nat	PERMA-FIX	SOP-003E, Industrial Lift Truck Operator	Procedure Implementation	6/12/2002	6/12/2002	N/A		0.50		Yes	Pass	Yes
Jones	Nat	PERMA-FIX	Hazcom - Asbestos Update	Handling Requirements	6/17/2002	6/17/2002	N/A		0.40		Yes	Pass	Yes
Jones	Nat	PERMA-FIX	SOP-015Q-r1, C&D of N-C, Comm.&Wast	Procedure Implementation	7/17/2002	7/17/2002	N/A		1.00		Yes	Pass	Yes
Jones	Nat	PERMA-FIX	Radiation Protection, Annual Refresher	Annual Refresher	8/30/2002	8/30/2002	N/A		8.00		Yes	Pass	Yes
Jones	Nat	PERMA-FIX	SOP-010Q, Stop Work Authorization	Procedure Implementation	10/2/2002	10/2/2002	N/A		0.50		Yes	Pass	Yes
Jones	Nat	PERMA-FIX	MP2 W/O Usage, Review and Completion	Work Order Usage	11/5/2002	11/5/2002	N/A		0.50		Yes	Pass	Yes
Jones	Nat	PERMA-FIX	SOP-006E, AECS System Operation	Procedure Implementation	12/11/2002	12/11/2002	N/A		0.75		Yes	Pass	Yes
Total									40.70		0.00		

Justice	Ken	PERMA-FIX	SOP-014C, Chemical Hygiene Plan	Procedure Implementation	3/17/2002	3/17/2002	N/A	0.75	Yes	Pass	Yes
Justice	Ken	PERMA-FIX	OSHA 8 Hour Refresher Training	Regulatory Requirement	3/15/2002	3/15/2002	N/A	8.00	Yes	Pass	Yes
Justice	Ken	PERMA-FIX	SOP-008G, Evac. Drills, An. Fire Drill	Procedure Implementation	4/4/2002	4/4/2002	N/A	1.00	Yes	Pass	Yes
Justice	Ken	PERMA-FIX	Haz. Materials Training 49 CFR 172.704	Materials Transportation	7/8/2002	7/8/2002	InfoTrac	5.00	Yes	Pass	Yes
Justice	Ken	PERMA-FIX	SOP-015Q-r1, C&D of N-C, Comm.&Waste	Procedure Implementation	7/17/2002	7/17/2002	N/A	1.00	Yes	Pass	Yes
Justice	Ken	PERMA-FIX	Radiation Protection, Annual Refresher	Annual Refresher	10/1/2002	10/1/2002	N/A	8.00	Yes	Pass	Yes
Justice	Ken	PERMA-FIX	SOP-010Q, Stop Work Authorization	Procedure Implementation	10/2/2002	10/2/2002	N/A	0.50	Yes	Pass	Yes
Justice	Ken	PERMA-FIX	SOP-007S-r1, Fire Alarm Operation	Procedure Implementation	11/4/2002	11/4/2002	N/A	1.00	Yes	Pass	Yes
Total									25.75	0.00	

Employee Code Kelecyr

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Kelecyr	Richard	PERMA-FIX	SOP-008G, Evac. Drills, An. Fire Drill	Procedure Implementation	4/4/2002	4/4/2002	N/A		1.00		Yes	Pass	Yes
Total									1.00	0.00			

Employee Code Lambert

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Lambert	Joanie	PERMA-FIX	SOP-008G, Evac. Drills, An. Fire Drill	Procedure Implementation	4/4/2002	4/4/2002	N/A		1.00		Yes	Pass	Yes
Total									1.00	0.00			

Employee Code MasonC

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Mason	Charles	PERMA-FIX	SOP-002TP, Chemical Handling	Procedure Implementation	1/31/2002	1/31/2002	N/A		0.25		Yes	Pass	Yes
Mason	Charles	PERMA-FIX	SOP-024TP, Chemical Storage	Procedure Implementation	1/31/2002	1/31/2002	N/A		0.25		Yes	Pass	Yes
Mason	Charles	PERMA-FIX	Annual Respirator Fit Test	Proper Fit Verification	2/6/2002	2/6/2002	3M	2/6/2003	0.50		Yes	Pass	Yes
Mason	Charles	PERMA-FIX	SOP-005R, Air Handling MW Unit	Procedure Implementation	2/13/2002	2/13/2002	N/A		0.30		Yes	Pass	Yes
Mason	Charles	PERMA-FIX	SOP-007R-r1, Rad. Control, Trt Unit	Procedure Implementation	2/13/2002	2/13/2002	N/A		0.75		Yes	Pass	Yes
Mason	Charles	PERMA-FIX	SOP-044R-r0, Perf Ver/Handling Surv Inst	Procedure Implementation	2/13/2002	2/13/2002	N/A		1.00		Yes	Pass	Yes
Mason	Charles	PERMA-FIX	SOP-004T-r1, Safe Shutdown	Procedure Implementation	2/28/2002	2/28/2002	N/A		0.25		Yes	Pass	Yes
Mason	Charles	PERMA-FIX	SOP-008C-R3, Incident Rpt- Investigation	Procedure Implementation	2/28/2002	2/28/2002	N/A		0.50		Yes	Pass	Yes
Mason	Charles	PERMA-FIX	SOP-008T-r1, Q Hut Operations	Procedure Implementation	2/28/2002	2/28/2002	N/A		0.50		Yes	Pass	Yes
Mason	Charles	PERMA-FIX	OSHA 8 Hour Refresher Training	Regulatory Requirement	3/8/2002	3/8/2002	N/A		8.00		Yes	Pass	Yes
Mason	Charles	PERMA-FIX	Haz. Materials Training 49 CFR 172.704	Materials Transportation	3/13/2002	3/13/2002	InfoTrac	3/13/2005	5.00		Yes	Pass	Yes
Mason	Charles	PERMA-FIX	SOP-003G-r10, Facility Inspection Plan	Procedure Implementation	3/14/2002	3/14/2002	N/A		0.25		Yes	Pass	Yes
Mason	Charles	PERMA-FIX	SOP-007C, Personal Protective Equipment	Procedure Implementation	3/14/2002	3/14/2002	N/A		0.25		Yes	Pass	Yes
Mason	Charles	PERMA-FIX	SOP-025R-r0, Vehicle Radiological Survey	Procedure Implementation	3/21/2002	3/21/2002	N/A		0.25		Yes	Pass	Yes
Mason	Charles	PERMA-FIX	SOP-045R-r0, Svy of Rad Mat and Wst Sh	Procedure Implementation	3/21/2002	3/21/2002	N/A		0.55		Yes	Pass	Yes
Mason	Charles	PERMA-FIX	SOP-006R, Radiological Control, LSV	Procedure Implementation	3/27/2002	3/27/2002	N/A		0.40		Yes	Pass	Yes
Mason	Charles	PERMA-FIX	SOP-045R-r0, Svy of Rad Mat and Wst Sh	Procedure Implementation	3/27/2002	3/27/2002	N/A		0.70		Yes	Pass	Yes
Mason	Charles	PERMA-FIX	SOP-018R, Determ. of Fissile Mat'l Mass	Procedure Implementation	4/3/2002	4/3/2002	N/A		1.10		Yes	Pass	Yes
Mason	Charles	PERMA-FIX	Fundamental Concepts of PFII Treatment	Process Concepts	4/10/2002	4/10/2002	N/A		1.00		Yes	Pass	Yes
Mason	Charles	PERMA-FIX	SOP-001E, Op of Pneu Drum Tumbler	Procedure Implementation	4/10/2002	4/10/2002	N/A		0.75		Yes	Pass	Yes
Mason	Charles	PERMA-FIX	SOP-009C, Confined Space Entry	Procedure Implementation	4/11/2002	4/11/2002	N/A		0.50		Yes	Pass	Yes
Mason	Charles	PERMA-FIX	SOP-013C, Lockout / Tagout	Procedure Implementation	4/11/2002	4/11/2002	N/A		0.50		Yes	Pass	Yes
Mason	Charles	PERMA-FIX	SOP-019R, Uran, Thor, Radium Calculation	Procedure Implementation	4/17/2002	4/17/2002	N/A		0.75		Yes	Pass	Yes
Mason	Charles	PERMA-FIX	Hazcom - Asbestos Update	Handling Requirements	6/17/2002	6/17/2002	N/A		0.40		Yes	Pass	Yes
Mason	Charles	PERMA-FIX	OSHA, IC Lift Truck Operator Training	Operator Refresher	6/20/2002	6/20/2002	Ring Power	6/20/2005	3.00		Yes	Pass	Yes
Mason	Charles	PERMA-FIX	SOP-003E, Industrial Lift Truck Operator	Procedure Implementation	6/20/2002	6/20/2002	N/A		0.50		Yes	Pass	Yes
Mason	Charles	PERMA-FIX	Radiation Protection, Annual Refresher	Annual Refresher	8/30/2002	8/30/2002	N/A		8.00		Yes	Pass	Yes
Mason	Charles	PERMA-FIX	SOP-010Q, Stop Work Authorization	Procedure Implementation	10/2/2002	10/2/2002	N/A		0.50		Yes	Pass	Yes
Mason	Charles	PERMA-FIX	IMP2 W/O Usage, Review and Completion	Work Order Usage	11/5/2002	11/5/2002	N/A		0.50		Yes	Pass	Yes
Mason	Charles	PERMA-FIX	SOP-006E, AECS System Operation	Procedure Implementation	12/11/2002	12/11/2002	N/A		0.75		Yes	Pass	Yes
Total									37.95	0.00			

Employee Code MaurerJM

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Maurer	J. Michael	PERMA-FIX	SOP-001C, General Safety Rules	Plant Safety Policies	1/21/2002	1/21/2002	N/A		0.50		Yes	Pass	Yes
Maurer	J. Michael	PERMA-FIX	SOP-004A, PFF New Employee Orientation	Facility/Policy/Familiarization	1/21/2002	1/21/2002	N/A		7.00		Yes	Pass	Yes
Maurer	J. Michael	PERMA-FIX	SOP-002TP, Chemical Handling	Procedure Implementation	1/31/2002	1/31/2002	N/A		0.25		Yes	Pass	Yes
Maurer	J. Michael	PERMA-FIX	SOP-024TP, Chemical Storage	Procedure Implementation	1/31/2002	1/31/2002	N/A		0.25		Yes	Pass	Yes
Maurer	J. Michael	PERMA-FIX	Annual Respirator Fit Test	Proper Fit Verification	2/5/2002	2/5/2002	3M	2/5/2003	0.50		Yes	Pass	Yes
Maurer	J. Michael	PERMA-FIX	OSHA 40 Hour Hazwoper	Regulatory Requirement	2/22/2002	2/22/2002	N/A		40.00		Yes	Pass	Yes
Maurer	J. Michael	PERMA-FIX	SOP-004T-r1, Safe Shutdown	Procedure Implementation	2/28/2002	2/28/2002	N/A		0.25		Yes	Pass	Yes
Maurer	J. Michael	PERMA-FIX	SOP-008C-R3, Incident Rpt- Investigation	Procedure Implementation	2/28/2002	2/28/2002	N/A		0.50		Yes	Pass	Yes
Maurer	J. Michael	PERMA-FIX	Waste Tracking - Manifest Entry	Program Implementation	3/11/2002	3/11/2002	N/A		3.00		Yes	Pass	Yes
Maurer	J. Michael	PERMA-FIX	SOP-003G-r10, Facility Inspection Plan	Procedure Implementation	3/14/2002	3/14/2002	N/A		0.25		Yes	Pass	Yes
Maurer	J. Michael	PERMA-FIX	SOP-007C, Personal Protective Equipment	Procedure Implementation	3/14/2002	3/14/2002	N/A		0.25		Yes	Pass	Yes
Maurer	J. Michael	PERMA-FIX	SOP-025R-r0, Vehicle Radiological Survey	Procedure Implementation	3/15/2002	3/15/2002	N/A		0.50		Yes	Pass	Yes
Maurer	J. Michael	PERMA-FIX	SOP-045R-r0, Svy of Rad Mat and Wst Sh	Procedure Implementation	3/15/2002	3/15/2002	N/A		0.40		Yes	Pass	Yes
Maurer	J. Michael	PERMA-FIX	Employee Terminated		3/25/2002	3/25/2002					No		No
Total									53.65	0.00			

Employee Code NixJ

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Nix	Jason	PERMA-FIX	Annual Respirator Fit Test	Proper Fit Verification	2/5/2002	2/5/2002	3M	2/5/2003	0.50		Yes	Pass	Yes
Nix	Jason	PERMA-FIX	SOP-005R, Air Handling MW Unit	Procedure Implementation	2/13/2002	2/13/2002	N/A		0.30		Yes	Pass	Yes
Nix	Jason	PERMA-FIX	SOP-007R-r1, Rad. Control, Trt Unit	Procedure Implementation	2/13/2002	2/13/2002	N/A		0.75		Yes	Pass	Yes
Nix	Jason	PERMA-FIX	SOP-044R-r0, Perf Ver/Handling Surv Inst	Procedure Implementation	2/13/2002	2/13/2002	N/A		1.00		Yes	Pass	Yes
Nix	Jason	PERMA-FIX	OSHA 8 Hour Refresher Training	Regulatory Requirement	3/8/2002	3/8/2002	N/A		8.00		Yes	Pass	Yes
Nix	Jason	PERMA-FIX	Haz. Materials Training 49 CFR 172.704	Materials Transportation	3/26/2002	3/26/2002	InfoTrac	3/26/2005	5.00		Yes	Pass	Yes
Nix	Jason	PERMA-FIX	SOP-045R-r0, Svy of Rad Mat and Wst Sh	Procedure Implementation	3/27/2002	3/27/2002	N/A		0.70		Yes	Pass	Yes
Nix	Jason	PERMA-FIX	SOP-008G, Evac. Drills, An. Fire Drill	Procedure Implementation	4/4/2002	4/4/2002	N/A		1.00		Yes	Pass	Yes
Nix	Jason	PERMA-FIX	SOP-009C, Confined Space Entry	Procedure Implementation	4/11/2002	4/11/2002	N/A		0.50		Yes	Pass	Yes
Nix	Jason	PERMA-FIX	SOP-013C, Lockout / Tagout	Procedure Implementation	4/11/2002	4/11/2002	N/A		0.50		Yes	Pass	Yes
Nix	Jason	PERMA-FIX	SOP-016C, Hot Work Permit	Procedure Implementation	4/11/2002	4/11/2002	N/A		0.25		Yes	Pass	Yes
Nix	Jason	PERMA-FIX	Training, EQ, SOP-002E, LSV Knife Hog	Procedure Implementation	5/1/2002	5/1/2002	N/A		0.80		Yes	Pass	Yes
Nix	Jason	PERMA-FIX	OSHA, IC Lift Truck Operator Training	Operator Refresher	6/12/2002	6/12/2002	Ring Power	6/12/2005	3.75		Yes	Pass	Yes
Nix	Jason	PERMA-FIX	SOP-003E, Industrial Lift Truck Operator	Procedure Implementation	6/12/2002	6/12/2002	N/A		0.50		Yes	Pass	Yes
Nix	Jason	PERMA-FIX	Radiation Protection, Annual Refresher	Annual Refresher	8/30/2002	8/30/2002	N/A		8.00		Yes	Pass	Yes
Nix	Jason	PERMA-FIX	Lab Pack Decommissioning	Safety Training	9/12/2002	9/12/2002	N/A		0.50		Yes	Pass	Yes
Nix	Jason	PERMA-FIX	Container Closure, Nitrate Label Requirements	Proper Performance	9/20/2002	9/20/2002	N/A		0.40		Yes	Pass	Yes
Nix	Jason	PERMA-FIX	SOP-010Q, Stop Work Authorization	Procedure Implementation	10/2/2002	10/2/2002	N/A		0.50		Yes	Pass	Yes
Nix	Jason	PERMA-FIX	IMP2 W/O Usage, Review and Completion	Work Order Usage	11/5/2002	11/5/2002	N/A		0.50		Yes	Pass	Yes
Total									33.45	0.00			

Employee Code OwensA

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Owens	Andy	PERMA-FIX	Annual Respirator Fit Test	Proper Fit Verification	2/5/2002	2/5/2002	3M	2/5/2003	0.50		Yes	Pass	Yes
Owens	Andy	PERMA-FIX	Haz. Materials Training 49 CFR 172.704	Materials Handling	2/7/2002	2/7/2002	InfoTrac	2/7/2005	5.00		Yes	Pass	Yes
Owens	Andy	PERMA-FIX	OSHA 8 Hour Refresher Training	Regulatory Requirement	3/15/2002	3/15/2002	N/A		8.00		Yes	Pass	Yes
Owens	Andy	PERMA-FIX	SOP-008G, Evac. Drills, An. Fire Drill	Procedure Implementation	4/4/2002	4/4/2002	N/A		1.00		Yes	Pass	Yes
Owens	Andy	PERMA-FIX	SOP-015Q-r1, C&D Instruction	Procedure Implementation	7/17/2002	7/17/2002	N/A		1.00		Yes	Pass	Yes
Owens	Andy	PERMA-FIX	Radiation Protection, Annual Refresher	Annual Refresher	10/1/2002	10/1/2002	N/A		8.00		Yes	Pass	Yes

OWEN	PERMA-FIX	SOP-0066, AECs System Operation	Procedure Implementation	12/11/2002	12/11/2002	N/A		0.75	Yes	Pass	Yes
Total								25.35	0.00		

Employee Code OwensM

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Owens	Mike	PERMA-FIX	Annual Respirator Fit Test	Proper Fit of Respirator	2/7/2002	2/7/2002	3M	2/7/2003	0.50	Yes	Pass	Yes	
Owens	Mike	PERMA-FIX	SOP-0058, Air Handling MW Unit	Procedure Implementation	2/13/2002	2/13/2002	N/A		0.30	Yes	Pass	Yes	
Owens	Mike	PERMA-FIX	SOP-0078-r1, Rad. Control, Trt Unit	Procedure Implementation	2/13/2002	2/13/2002	N/A		0.75	Yes	Pass	Yes	
Owens	Mike	PERMA-FIX	SOP-044R-r0, Perf Ver/Handling Surv Inst	Procedure Implementation	2/13/2002	2/13/2002	N/A		1.00	Yes	Pass	Yes	
Owens	Mike	PERMA-FIX	OSHA 8 Hour Refresher Training	Regulatory Requirement	3/8/2002	3/8/2002	N/A		8.00	Yes	Pass	Yes	
Owens	Mike	PERMA-FIX	SOP-0068, Radiological Control, LSV	Procedure Implementation	3/27/2002	3/27/2002	N/A		0.40	Yes	Pass	Yes	
Owens	Mike	PERMA-FIX	SOP-045R-r0, Svy of Rad Mat and Wst Sh	Procedure Implementation	3/27/2002	3/27/2002	N/A		0.70	Yes	Pass	Yes	
Owens	Mike	PERMA-FIX	SOP-008G, Evac. Drills, An. Fire Drill	Procedure Implementation	4/4/2002	4/4/2002	N/A		1.00	Yes	Pass	Yes	
Owens	Mike	PERMA-FIX	SOP-009C, Confined Space Entry	Procedure Implementation	4/11/2002	4/11/2002	N/A		0.50	Yes	Pass	Yes	
Owens	Mike	PERMA-FIX	SOP-013C, Lockout / Tagout	Procedure Implementation	4/11/2002	4/11/2002	N/A		0.50	Yes	Pass	Yes	
Owens	Mike	PERMA-FIX	SOP-016C, Hot Work Permit	Procedure Implementation	4/11/2002	4/11/2002	N/A		0.25	Yes	Pass	Yes	
Owens	Mike	PERMA-FIX	Training, EQ, SOP-002E, LSV Knife Hog	Procedure Implementation	5/1/2002	5/1/2002	N/A		0.80	Yes	Pass	Yes	
Owens	Mike	PERMA-FIX	SOP-003E, Industrial Lift Truck Operator	Procedure Implementation	6/12/2002	6/12/2002	N/A		0.50	Yes	Pass	Yes	
Owens	Mike	PERMA-FIX	Haz. Materials Training 49 CFR 172.704	Materials Transportation	7/12/2002	7/12/2002	InfoTrac	7/12/2005	5.00	Yes	Pass	Yes	
Owens	Mike	PERMA-FIX	SOP-015Q-r1, C&D of N-C, Comm.&Wast	Procedure Implementation	7/12/2002	7/12/2002	N/A		1.00	Yes	Pass	Yes	
Owens	Mike	PERMA-FIX	Radiation Protection, Annual Refresher	Annual Refresher	9/12/2002	9/12/2002	N/A		8.00	Yes	Pass	Yes	
Owens	Mike	PERMA-FIX	SOP-010Q, Stop Work Authorization	Procedure Implementation	10/2/2002	10/2/2002	N/A		0.50	Yes	Pass	Yes	
Owens	Mike	PERMA-FIX	SOP-007S-r1, Fire Alarm Operation	Procedure Implementation	11/4/2002	11/4/2002	N/A		1.00	Yes	Pass	Yes	
Owens	Mike	PERMA-FIX	SOP-009A-r1, Site Audits/Tours	Procedure Implementation	11/12/2002	11/12/2002	N/A		0.25	Yes	Pass	Yes	
Owens	Mike	PERMA-FIX	SOP-006E, AECs System Operation	Procedure Implementation	12/11/2002	12/11/2002	N/A		0.75	Yes	Pass	Yes	
Total									31.70	0.00			

Employee Code PanD

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Pan	David	PERMA-FIX	SOP-003Q, Corrective Action	Procedure Implementation	1/7/2002	1/7/2002	N/A		0.50	Yes	Pass	Yes	
Pan	David	PERMA-FIX	Lead Auditor Certification Oral Test	Audit Skill Evaluation	1/9/2002	1/9/2002	A.Owens		1.00	Yes	Pass	Yes	
Pan	David	PERMA-FIX	SOP-002Q, QA Audits of Vendors	Audit prep and Performance	1/9/2002	1/9/2002	N/A		0.50	Yes	Pass	Yes	
Pan	David	PERMA-FIX	SOP-004Q, Cntrl & Distribution of Docs.	Procedure Implementation	1/21/2002	1/21/2002	N/A		0.50	Yes	Pass	Yes	
Pan	David	PERMA-FIX	SOP-010Q, Stop Work Authorization	Procedure Implementation	1/21/2002	1/21/2002	N/A		0.50	Yes	Pass	Yes	
Pan	David	PERMA-FIX	SOP-005Q, Vendor Selection, use of AVL	Procedure Implementation	1/28/2002	1/28/2002	N/A		0.50	Yes	Pass	Yes	
Pan	David	PERMA-FIX	SOP-015Q, C/D of Non Conforming Items	Procedure Implementation	1/28/2002	1/28/2002	N/A		0.50	Yes	Pass	Yes	
Pan	David	PERMA-FIX	SOP-006Q, QA Management Assessments	Procedure Implementation	2/4/2002	2/4/2002	N/A		0.50	Yes	Pass	Yes	
Pan	David	PERMA-FIX	SOP-007Q, Qual of Audit / Surv Personnel	Procedure Implementation	2/4/2002	2/4/2002	N/A		0.50	Yes	Pass	Yes	
Pan	David	PERMA-FIX	Annual Respirator Fit Test	Proper Fit Verification	2/5/2002	2/5/2002	3M	2/5/2003	0.50	Yes	Pass	Yes	
Pan	David	PERMA-FIX	NMMS Reporting System, Perma-Fix	Improved Data Reporting	2/7/2002	2/7/2002	N/A		8.00	Yes	Pass	Yes	
Pan	David	PERMA-FIX	SOP-009Q, ID Storage and Disp of Records	Procedure Implementation	2/11/2002	2/11/2002	N/A		0.50	Yes	Pass	Yes	
Pan	David	PERMA-FIX	SOP-011Q, Receiving Inspection of Items	Procedure Implementation	3/11/2002	3/11/2002	N/A		0.50	Yes	Pass	Yes	
Pan	David	PERMA-FIX	OSHA 8 Hour Refresher Training	Regulatory Requirement	3/15/2002	3/15/2002	N/A		8.00	Yes	Pass	Yes	
Pan	David	PERMA-FIX	SOP-008G, Evac. Drills, An. Fire Drill	Procedure Implementation	4/4/2002	4/4/2002	N/A		1.00	Yes	Pass	Yes	
Pan	David	PERMA-FIX	SOP-007S-r1, Fire Alarm Operation	Procedure Implementation	11/4/2002	11/4/2002	N/A		1.00	Yes	Pass	Yes	
Pan	David	PERMA-FIX	MP2 W/O Usage, Review and Completion	Work Order Usage	11/5/2002	11/5/2002	N/A		0.50	Yes	Pass	Yes	
Pan	David	PERMA-FIX	IDOT Refresher, Storage Requirements	Storage Requirements	12/5/2002	12/5/2002	N/A		0.40	Yes	Pass	Yes	
Pan	David	PERMA-FIX	SOP-006E, AECs System Operation	Procedure Implementation	12/11/2002	12/11/2002	N/A		0.75	Yes	Pass	Yes	
Total									26.15	0.00			

Employee Code PotterJ

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Potter	Jason	PERMA-FIX	SOP-002TP, Chemical Handling	Procedure Implementation	1/31/2002	1/31/2002	N/A		0.25	Yes	Pass	Yes	
Potter	Jason	PERMA-FIX	SOP-024TP, Chemical Storage	Procedure Implementation	1/31/2002	1/31/2002	N/A		0.25	Yes	Pass	Yes	
Potter	Jason	PERMA-FIX	Annual Respirator Fit Test	Proper Fit Verification	2/5/2002	2/5/2002	3M	2/5/2003	0.50	Yes	Pass	Yes	
Potter	Jason	PERMA-FIX	SOP-004T-r1, Safe Shutdown	Procedure Implementation	2/28/2002	2/28/2002	N/A		0.25	Yes	Pass	Yes	
Potter	Jason	PERMA-FIX	SOP-008C-R3, Incident Rpt- Investigation	Procedure Implementation	2/28/2002	2/28/2002	N/A		0.50	Yes	Pass	Yes	
Potter	Jason	PERMA-FIX	SOP-008T-r1, Q Hut Operations	Procedure Implementation	2/28/2002	2/28/2002	N/A		0.50	Yes	Pass	Yes	
Potter	Jason	PERMA-FIX	OSHA 8 Hour Refresher Training	Regulatory Requirement	3/8/2002	3/8/2002	N/A		8.00	Yes	Pass	Yes	
Potter	Jason	PERMA-FIX	SOP-003G-r10, Facility Inspection Plan	Procedure Implementation	3/14/2002	3/14/2002	N/A		0.25	Yes	Pass	Yes	
Potter	Jason	PERMA-FIX	SOP-007C, Personal Protective Equipment	Procedure Implementation	3/14/2002	3/14/2002	N/A		0.25	Yes	Pass	Yes	
Potter	Jason	PERMA-FIX	SOP-006R, Radiological Control, LSV	Procedure Implementation	3/27/2002	3/27/2002	N/A		0.40	Yes	Pass	Yes	
Potter	Jason	PERMA-FIX	SOP-045R-r0, Svy of Rad Mat and Wst Sh	Procedure Implementation	3/27/2002	3/27/2002	N/A		0.70	Yes	Pass	Yes	
Potter	Jason	PERMA-FIX	Fundamental Concepts of PFII Treatment	Process Concepts	4/10/2002	4/10/2002	N/A		1.00	Yes	Pass	Yes	
Potter	Jason	PERMA-FIX	SOP-001E, Op of Pneu Drum Tumbler	Procedure Implementation	4/10/2002	4/10/2002	N/A		0.75	Yes	Pass	Yes	
Potter	Jason	PERMA-FIX	SOP-009C, Confined Space Entry	Procedure Implementation	4/11/2002	4/11/2002	N/A		0.50	Yes	Pass	Yes	
Potter	Jason	PERMA-FIX	SOP-013C, Lockout / Tagout	Procedure Implementation	4/11/2002	4/11/2002	N/A		0.50	Yes	Pass	Yes	
Potter	Jason	PERMA-FIX	Haz. Materials Training 49 CFR 172.704	Materials Transportation	5/3/2002	5/3/2002	InfoTrac	5/3/2005	5.00	Yes	Pass	Yes	
Potter	Jason	PERMA-FIX	Hazcom - Asbestos Update	Handling Requirements	6/17/2002	6/17/2002	N/A		0.40	Yes	Pass	Yes	
Potter	Jason	PERMA-FIX	OSHA, IC Lift Truck Operator Training	Operator Refresher	6/20/2002	6/20/2002	Ring Power	6/20/2005	3.00	Yes	Pass	Yes	
Potter	Jason	PERMA-FIX	SOP-003E, Industrial Lift Truck Operator	Procedure Implementation	6/20/2002	6/20/2002	N/A		0.50	Yes	Pass	Yes	
Potter	Jason	PERMA-FIX	Container Closure	Process Knowledge	8/1/2002	8/1/2002	N/A		0.45	Yes	Pass	Yes	
Potter	Jason	PERMA-FIX	Radiation Protection, Annual Refresher	Annual Refresher	8/30/2002	8/30/2002	N/A		8.00	Yes	Pass	Yes	
Potter	Jason	PERMA-FIX	Drum Acceptance Criteria	NCR Corrective Action	9/17/2002	9/17/2002	N/A		0.25	Yes	Pass	Yes	
Potter	Jason	PERMA-FIX	Surcharge Schedule	NCR Corrective Action	9/17/2002	9/17/2002	N/A		0.25	Yes	Pass	Yes	
Potter	Jason	PERMA-FIX	Waste Acceptance Criteria	NCR Corrective Action	9/17/2002	9/17/2002	N/A		0.25	Yes	Pass	Yes	
Potter	Jason	PERMA-FIX	SOP-010Q, Stop Work Authorization	Procedure Implementation	10/2/2002	10/2/2002	N/A		0.50	Yes	Pass	Yes	
Potter	Jason	PERMA-FIX	MP2 W/O Usage, Review and Completion	Work Order Usage	11/5/2002	11/5/2002	N/A		0.50	Yes	Pass	Yes	
Total									33.70	0.00			

Employee Code PotterJu

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Potter	Justin	PERMA-FIX	SOP-001C, General Safety Rules	Plant Safety Policies	3/12/2002	3/12/2002	N/A		0.75	Yes	Pass	Yes	
Potter	Justin	PERMA-FIX	SOP-004A, PFF New Employee Orientation	Policy Familiarization	3/12/2002	3/12/2002	N/A		7.00	Yes	Pass	Yes	
Potter	Justin	PERMA-FIX	SOP-004C, Respiratory Prot. Fit Test	Proper Fit of Respirator	3/13/2002	3/13/2002	N/A	3/13/2003	0.50	Yes	Pass	Yes	
Potter	Justin	PERMA-FIX	SOP-003G-r10, Facility Inspection Plan	Procedure Implementation	3/14/2002	3/14/2002	N/A		0.25	Yes	Pass	Yes	
Potter	Justin	PERMA-FIX	SOP-007C, Personal Protective Equipment	Procedure Implementation	3/14/2002	3/14/2002	N/A		0.25	Yes	Pass	Yes	
Potter	Justin	PERMA-FIX	SOP-006R, Radiological Control, LSV	Procedure Implementation	3/27/2002	3/27/2002	N/A		0.40	Yes	Pass	Yes	
Potter	Justin	PERMA-FIX	SOP-045R-r0, Svy of Rad Mat and Wst Sh	Procedure Implementation	3/27/2002	3/27/2002	N/A		0.70	Yes	Pass	Yes	
Potter	Justin	PERMA-FIX	Industrial Lifttruck Operator Training	Proper Operation Techniques	4/9/2002	4/9/2002	Ring Power	4/9/2005	4.00	Yes	Pass	Yes	
Potter	Justin	PERMA-FIX	SOP-001G, Powered Industrial Lift Trk Op	Procedure Implementation	4/9/2002	4/9/2002	N/A		0.50	Yes	Pass	Yes	
Potter	Justin	PERMA-FIX	SOP-009C, Confined Space Entry	Procedure Implementation	4/11/2002	4/11/2002	N/A		0.50	Yes	Pass	Yes	
Potter	Justin	PERMA-FIX	SOP-013C, Lockout / Tagout	Procedure Implementation	4/11/2002	4/11/2002	N/A		0.50	Yes	Pass	Yes	
Potter	Justin	PERMA-FIX	Hazcom - Asbestos Update	Handling Requirements	6/17/2002	6/17/2002	N/A		0.40	Yes	Pass	Yes	
Potter	Justin	PERMA-FIX	OSHA, IC Lift Truck Operator Training	Operator Refresher	6/20/2002	6/20/2002	Ring Power	6/20/2005	3.00	Yes	Pass	Yes	
Potter	Justin	PERMA-FIX	SOP-003E, Industrial Lift Truck Operator	Procedure Implementation	6/20/2002	6/20/2002	N/A		0.50	Yes	Pass	Yes	
Potter	Justin	PERMA-FIX	OSHA 40 Hour Hazwoper	Regulatory Requirement	7/12/2002	8/9/2002	Perma-Fix		40.00	Yes	Pass	Yes	
Potter	Justin	PERMA-FIX	SOP-015Q-r1, C&D of N-C, Comm.&Wast	Procedure Implementation	7/17/2002	7/17/2002	N/A		1.00	Yes	Pass	Yes	
Potter	Justin	PERMA-FIX	Container Closure	Proper Performance	8/1/2002	8/1/2002	N/A		0.45	Yes	Pass	Yes	
Potter	Justin	PERMA-FIX	Radiation Protection, Annual Refresher	Annual Refresher	8/30/2002	8/30/2002	N/A		8.00	Yes	Pass	Yes	
Potter	Justin	PERMA-FIX	SOP-010Q, Stop Work Authorization	Procedure Implementation	10/2/2002	10/2/2002	N/A		0.50	Yes	Pass	Yes	
Potter	Justin	PERMA-FIX	MP2 W/O Usage, Review and Completion	Work Order Usage	11/5/2002	11/5/2002	N/A		0.50	Yes	Pass	Yes	
Total									69.70	0.00			

Ross	Rick	PERMA-FIX	SOP-0247, Chemical Storage	Procedure Implementation	2/5/2002	2/5/2002	3M	2/5/2003	0.50	Yes	Pass	Yes
Ross	Rick	PERMA-FIX	Annual Respirator Fit Test	Proper Fit Verification	2/5/2002	2/5/2002	3M	2/5/2003	0.50	Yes	Pass	Yes
Ross	Rick	PERMA-FIX	SOP-005R, Air Handling MW Unit	Procedure Implementation	2/13/2002	2/13/2002	N/A		0.30	Yes	Pass	Yes
Ross	Rick	PERMA-FIX	SOP-007R-r1, Rad. Control, Trt Unit	Procedure Implementation	2/13/2002	2/13/2002	N/A		0.75	Yes	Pass	Yes
Ross	Rick	PERMA-FIX	SOP-044R-r0, Perf Ver/Handling Surv Inst	Procedure Implementation	2/13/2002	2/13/2002	N/A		1.00	Yes	Pass	Yes
Ross	Rick	PERMA-FIX	Haz. Materials Training 49 CFR 172.704	Materials Handling	2/19/2002	2/19/2002	InfoTrac	2/19/2005	5.00	Yes	Pass	Yes
Ross	Rick	PERMA-FIX	SOP-004T-r1, Safe Shutdown	Procedure Implementation	2/28/2002	2/28/2002	N/A		0.25	Yes	Pass	Yes
Ross	Rick	PERMA-FIX	SOP-008C-R3, Incident Rpt- Investigation	Procedure Implementation	2/28/2002	2/28/2002	N/A		0.50	Yes	Pass	Yes
Ross	Rick	PERMA-FIX	SOP-008T-r1, Q Hut Operations	Procedure Implementation	2/28/2002	2/28/2002	N/A		0.50	Yes	Pass	Yes
Ross	Rick	PERMA-FIX	OSHA 8 Hour Refresher Training	Regulatory Requirement	3/8/2002	3/8/2002	N/A		8.00	Yes	Pass	Yes
Ross	Rick	PERMA-FIX	SOP-003G-r10, Facility Inspection Plan	Procedure Implementation	3/14/2002	3/14/2002	N/A		0.25	Yes	Pass	Yes
Ross	Rick	PERMA-FIX	SOP-007C, Personal Protective Equipment	Procedure Implementation	3/14/2002	3/14/2002	N/A		0.25	Yes	Pass	Yes
Ross	Rick	PERMA-FIX	SOP-008G, Evac. Drills, An. Fire Drill	Procedure Implementation	4/4/2002	4/4/2002	N/A		1.00	Yes	Pass	Yes
Ross	Rick	PERMA-FIX	SOP-009C, Confined Space Entry	Procedure Implementation	4/11/2002	4/11/2002	N/A		0.50	Yes	Pass	Yes
Ross	Rick	PERMA-FIX	SOP-013C, Lockout / Tagout	Procedure Implementation	4/11/2002	4/11/2002	N/A		0.50	Yes	Pass	Yes
Ross	Rick	PERMA-FIX	OSHA, IC Lift Truck Operator Training	Operator Refresher	6/12/2002	6/12/2002	Ring Power	6/12/2005	3.75	Yes	Pass	Yes
Ross	Rick	PERMA-FIX	SOP-002I, Industrial Waste Sampling	Procedure Implementation	6/12/2002	6/12/2002	N/A		0.50	Yes	Pass	Yes
Ross	Rick	PERMA-FIX	SOP-003E, Industrial Lift Truck Operator	Procedure Implementation	6/12/2002	6/12/2002	N/A		0.50	Yes	Pass	Yes
Ross	Rick	PERMA-FIX	Hazcom - Asbestos Update	Handling Requirements	6/17/2002	6/17/2002	N/A		0.40	Yes	Pass	Yes
Ross	Rick	PERMA-FIX	SOP-015Q-r1, C&D of N-C, Comm.&Wast	Procedure Implementation	7/17/2002	7/17/2002	N/A		1.00	Yes	Pass	Yes
Ross	Rick	PERMA-FIX	Radiation Protection, Annual Refresher	Annual Refresher	8/30/2002	8/30/2002	N/A		8.00	Yes	Pass	Yes
Ross	Rick	PERMA-FIX	Drum Acceptance Criteria	NCR Corrective Action	9/17/2002	9/17/2002	N/A		0.25	Yes	Pass	Yes
Ross	Rick	PERMA-FIX	Surcharge Schedule	NCR Corrective Action	9/17/2002	9/17/2002	N/A		0.25	Yes	Pass	Yes
Ross	Rick	PERMA-FIX	Waste Acceptance Criteria	NCR Corrective Action	9/17/2002	9/17/2002	N/A		0.25	Yes	Pass	Yes
Ross	Rick	PERMA-FIX	SOP-010Q, Stop Work Authorization	Procedure Implementation	10/2/2002	10/2/2002	N/A		0.50	Yes	Pass	Yes
Ross	Rick	PERMA-FIX	MP2 W/O Usage, Review and Completion	Work Order Usage	11/5/2002	11/5/2002	N/A		0.50	Yes	Pass	Yes
Total									35.70	0.00		

Employee Code SelfJ

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Self	Jimmie	PERMA-FIX	Annual Respirator Fit Test	Proper Fit Verification	2/5/2002	2/5/2002	3M	2/5/2003	0.50	Yes	Pass	Yes	
Self	Jimmie	PERMA-FIX	SOP-014C, Chemical Hygiene Plan	Procedure Implementation	2/14/2002	2/14/2002	N/A		0.75	Yes	Pass	Yes	
Self	Jimmie	PERMA-FIX	OSHA 8 Hour Refresher Training	Regulatory Requirement	3/8/2002	3/8/2002	N/A		8.00	Yes	Pass	Yes	
Self	Jimmie	PERMA-FIX	SOP-008G, Evac. Drills, An. Fire Drill	Procedure Implementation	4/4/2002	4/4/2002	N/A		1.00	Yes	Pass	Yes	
Self	Jimmie	PERMA-FIX	OSHA, IC Lift Truck Operator Training	Operator Refresher	6/20/2002	6/20/2002	Ring Power	6/20/2005	3.00	Yes	Pass	Yes	
Self	Jimmie	PERMA-FIX	SOP-003E, Industrial Lift Truck Operator	Procedure Implementation	6/20/2002	6/20/2002	N/A		0.50	Yes	Pass	Yes	
Self	Jimmie	PERMA-FIX	Radiation Protection, Annual Refresher	Annual Refresher	10/1/2002	10/1/2002	N/A		8.00	Yes	Pass	Yes	
Self	Jimmie	PERMA-FIX	SOP-010Q, Stop Work Authorization	Procedure Implementation	10/2/2002	10/2/2002	N/A		0.50	Yes	Pass	Yes	
Self	Jimmie	PERMA-FIX	MP2 W/O Usage, Review and Completion	Work Order Usage	11/5/2002	11/5/2002	N/A		0.50	Yes	Pass	Yes	
Total									22.75	0.00			

Employee Code SelfR

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Self	Randy	PERMA-FIX	SOP-003Q, Corrective Action	Procedure Implementation	1/7/2002	1/7/2002	N/A		0.50	Yes	Pass	Yes	
Self	Randy	PERMA-FIX	SOP-004Q, Cntrl & Distribution of Docs.	Procedure Implementation	1/21/2002	1/21/2002	N/A		0.50	Yes	Pass	Yes	
Self	Randy	PERMA-FIX	SOP-010Q, Stop Work Authorization	Procedure Implementation	1/21/2002	1/21/2002	N/A		0.50	Yes	Pass	Yes	
Self	Randy	PERMA-FIX	SOP-005Q, Vendor Selection, use of AVS	Procedure Implementation	1/28/2002	1/28/2002	N/A		0.50	Yes	Pass	Yes	
Self	Randy	PERMA-FIX	SOP-015Q, C/D of Non Conforming Items	Procedure Implementation	1/28/2002	1/28/2002	N/A		0.50	Yes	Pass	Yes	
Self	Randy	PERMA-FIX	SOP-006Q, QA Management Assessments	Procedure Implementation	2/4/2002	2/4/2002	N/A		0.50	Yes	Pass	Yes	
Self	Randy	PERMA-FIX	SOP-007Q, Qual of Audit/Surv Personnel	Procedure Implementation	2/4/2002	2/4/2002	N/A		0.50	Yes	Pass	Yes	
Self	Randy	PERMA-FIX	Annual Respirator Fit Test	Proper Fit Verification	2/5/2002	2/5/2002	3M	2/5/2003	0.50	Yes	Pass	Yes	
Self	Randy	PERMA-FIX	SOP-009Q, ID Storage and Disp of Record	Procedure Implementation	2/11/2002	2/11/2002	N/A		0.50	Yes	Pass	Yes	
Self	Randy	PERMA-FIX	SOP-005R, Air Handling MW Unit	Procedure Implementation	2/13/2002	2/13/2002	N/A		0.30	Yes	Pass	Yes	
Self	Randy	PERMA-FIX	SOP-007R-r1, Rad. Control, Trt Unit	Procedure Implementation	2/13/2002	2/13/2002	N/A		0.75	Yes	Pass	Yes	
Self	Randy	PERMA-FIX	SOP-044R-r0, Perf Ver/Handling Surv Inst	Procedure Implementation	2/13/2002	2/13/2002	N/A		1.00	Yes	Pass	Yes	
Self	Randy	PERMA-FIX	SOP-008C-R3, Incident Rpt- Investigation	Procedure Implementation	2/28/2002	2/28/2002	N/A		0.50	Yes	Pass	Yes	
Self	Randy	PERMA-FIX	SOP-011Q, Receiving Inspection of Items	Procedure Implementation	3/11/2002	3/11/2002	N/A		0.50	Yes	Pass	Yes	
Self	Randy	PERMA-FIX	Haz. Materials Training 49 CFR 172.704	Materials Transportation	3/12/2002	3/12/2002	InfoTrac	3/12/2005	5.00	Yes	Pass	Yes	
Self	Randy	PERMA-FIX	SOP-003G-r10, Facility Inspection Plan	Procedure Implementation	3/14/2002	3/14/2002	N/A		0.25	Yes	Pass	Yes	
Self	Randy	PERMA-FIX	SOP-007C, Personal Protective Equipment	Procedure Implementation	3/14/2002	3/14/2002	N/A		0.25	Yes	Pass	Yes	
Self	Randy	PERMA-FIX	OSHA 8 Hour Refresher Training	Regulatory Requirement	3/15/2002	3/15/2002	N/A		8.00	Yes	Pass	Yes	
Self	Randy	PERMA-FIX	SOP-025R-r0, Vehicle Radiological Survey	Procedure Implementation	3/15/2002	3/15/2002	N/A		0.50	Yes	Pass	Yes	
Self	Randy	PERMA-FIX	SOP-045R-r0, Svy of Rad Mat and Wst Sh	Procedure Implementation	3/15/2002	3/15/2002	N/A		0.40	Yes	Pass	Yes	
Self	Randy	PERMA-FIX	SOP-006R, Radiological Control, LSV	Procedure Implementation	3/27/2002	3/27/2002	N/A		0.40	Yes	Pass	Yes	
Self	Randy	PERMA-FIX	SOP-045R-r0, Svy of Rad Mat and Wst Sh	Procedure Implementation	3/27/2002	3/27/2002	N/A		0.70	Yes	Pass	Yes	
Self	Randy	PERMA-FIX	Hazcom - Asbestos Update	Handling Requirements	6/17/2002	6/17/2002	N/A		0.40	Yes	Pass	Yes	
Self	Randy	PERMA-FIX	OSHA, IC Lift Truck Operator Training	Operator Refresher	6/20/2002	6/20/2002	Ring Power	6/20/2005	3.00	Yes	Pass	Yes	
Self	Randy	PERMA-FIX	SOP-003E, Industrial Lift Truck Operator	Procedure Implementation	6/20/2002	6/20/2002	N/A		0.50	Yes	Pass	Yes	
Self	Randy	PERMA-FIX	SOP-015Q-r1, C&D of N-C, Comm.&Wast	Procedure Implementation	7/17/2002	7/17/2002	N/A		1.00	Yes	Pass	Yes	
Self	Randy	PERMA-FIX	Container Closure	Proper Performance	8/1/2002	8/1/2002	N/A		0.45	Yes	Pass	Yes	
Self	Randy	PERMA-FIX	Radiation Protection, Annual Refresher	Annual Refresher	9/13/2002	9/13/2002	N/A		8.00	Yes	Pass	Yes	
Self	Randy	PERMA-FIX	SOP-007S-r1, Fire Alarm Operation	Procedure Implementation	11/4/2002	11/4/2002	N/A		1.00	Yes	Pass	Yes	
Self	Randy	PERMA-FIX	MP2 W/O Usage, Review and Completion	Work Order Usage	11/5/2002	11/5/2002	N/A		0.50	Yes	Pass	Yes	
Self	Randy	PERMA-FIX	Trans of Mixed Wst., Gen. Ship Issues	Process Knowledge	12/3/2002	12/3/2002	N/A		2.00	Yes	Pass	Yes	
Self	Randy	PERMA-FIX	SOP-006E, AECS System Operation	Procedure Implementation	12/11/2002	12/11/2002	N/A		0.75	Yes	Pass	Yes	
Total									40.65	0.00			

Employee Code ShineN

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Shine	Naomi	PERMA-FIX	SOP-008G, Evac. Drills, An. Fire Drill	Procedure Implementation	4/4/2002	4/4/2002	N/A		1.00	Yes	Pass	Yes	
Shine	Naomi	PERMA-FIX	SOP-009A-r1, Site Audits/Tours	Procedure Implementation	11/12/2002	11/12/2002	N/A		0.25	Yes	Pass	Yes	
Total									1.25	0.00			

Employee Code ShineR

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Shine	Ross	PERMA-FIX	SOP-001C, General Safety Rules	Facility Safety Policies	3/12/2002	3/12/2002	N/A		0.75	Yes	Pass	Yes	
Shine	Ross	PERMA-FIX	SOP-004A, New Employee Orientation	Policy Familiarization	3/12/2002	3/12/2002	N/A		7.00	Yes	Pass	Yes	
Shine	Ross	PERMA-FIX	SOP-004C, Respiratory Prot., Fit Test	Proper Fit of Respirator	3/13/2002	3/13/2002	3M	3/13/2003	0.50	Yes	Pass	Yes	
Shine	Ross	PERMA-FIX	SOP-003G-r10, Facility Inspection Plan	Procedure Implementation	3/14/2002	3/14/2002	N/A		0.25	Yes	Pass	Yes	
Shine	Ross	PERMA-FIX	SOP-007C, Personal Protective Equipment	Procedure Implementation	3/14/2002	3/14/2002	N/A		0.25	Yes	Pass	Yes	
Shine	Ross	PERMA-FIX	SOP-006R, Radiological Control, LSV	Procedure Implementation	3/27/2002	3/27/2002	N/A		0.40	Yes	Pass	Yes	
Shine	Ross	PERMA-FIX	SOP-045R-r0, Svy of Rad Mat and Wst Sh	Procedure Implementation	3/27/2002	3/27/2002	N/A		0.70	Yes	Pass	Yes	
Shine	Ross	PERMA-FIX	SOP-008G, Evac. Drills, An. Fire Drill	Procedure Implementation	4/4/2002	4/4/2002	N/A		1.00	Yes	Pass	Yes	
Shine	Ross	PERMA-FIX	Industrial Lifttruck Operator Training	Proper Operation Techniques	4/9/2002	4/9/2002	Ring Power	4/9/2005	4.00	Yes	Pass	Yes	
Shine	Ross	PERMA-FIX	SOP-001G, Powered Industrial Lift Trk Op	Procedure Implementation	4/9/2002	4/9/2002	N/A		0.50	Yes	Pass	Yes	
Shine	Ross	PERMA-FIX	SOP-009C, Confined Space Entry	Procedure Implementation	4/11/2002	4/11/2002	N/A		0.50	Yes	Pass	Yes	
Shine	Ross	PERMA-FIX	SOP-013C, Lockout / Tagout	Procedure Implementation	4/11/2002	4/11/2002	N/A		0.50	Yes	Pass	Yes	
Shine	Ross	PERMA-FIX	OSHA, IC Lift Truck Operator Training	Operator Refresher	6/20/2002	6/20/2002	Ring Power	6/20/2005	3.00	Yes	Pass	Yes	
Shine	Ross	PERMA-FIX	SOP-003E, Industrial Lift Truck Operator	Procedure Implementation	6/20/2002	6/20/2002	N/A		0.50	Yes	Pass	Yes	
Shine	Ross	PERMA-FIX	OSHA 40 Hour Hazwoper	Regulatory Requirement	7/12/2002	8/9/2002	Perma-Fix		40.00	Yes	Pass	Yes	
Shine	Ross	PERMA-FIX	Radiation Protection, Annual Refresher	Annual Refresher	9/13/2002	9/13/2002	N/A		8.00	Yes	Pass	Yes	
Shine	Ross	PERMA-FIX	SOP-010Q, Stop Work Authorization	Procedure Implementation	10/2/2002	10/2/2002	N/A		0.50	Yes	Pass	Yes	
Shine	Ross	PERMA-FIX	MP2 W/O Usage, Review and Completion	Work Order Usage	11/5/2002	11/5/2002	N/A		0.50	Yes	Pass	Yes	
Total									68.85	0.00			

Employee Code SmithD													
Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Smith	David	PERMA-FIX	Annual Respirator Fit Test	Proper Fit Verification	2/5/2002	12/5/2002	3M	2/5/2003	0.50		Yes	Pass	Yes
Smith	David	PERMA-FIX	SOP-005R, Air Handling MW Unit	Procedure Implementation	2/13/2002	2/13/2002	N/A		0.30		Yes	Pass	Yes
Smith	David	PERMA-FIX	SOP-007R-1, Rad. Control, Trt Unit	Procedure Implementation	2/13/2002	2/13/2002	N/A		0.75		Yes	Pass	Yes

Smith, David	PERMA-FIX	OSHA 40 Hour Hazwoper	Regulatory Requirement	3/27/2002	3/27/2002	N/A		0.40	Yes	Pass	Yes
Smith, David	PERMA-FIX	SOP-006R, Radiological Control, LSV	Procedure Implementation	3/27/2002	3/27/2002	N/A		0.70	Yes	Pass	Yes
Smith, David	PERMA-FIX	SOP-045R-r0, Svy of Rad Mat and Wst Sh	Procedure Implementation	4/3/2002	4/3/2002	InfoTrac	4/3/2005	5.00	Yes	Pass	Yes
Smith, David	PERMA-FIX	Haz. Materials Training 49 CFR 172.704	Materials Transportation	4/4/2002	4/4/2002	N/A		1.00	Yes	Pass	Yes
Smith, David	PERMA-FIX	SOP-008G, Evac. Drills, An. Fire Drill	Procedure Implementation	4/11/2002	4/11/2002	N/A		0.50	Yes	Pass	Yes
Smith, David	PERMA-FIX	SOP-013C, Lockout / Tagout	Procedure Implementation	4/11/2002	4/11/2002	N/A		0.50	Yes	Pass	Yes
Smith, David	PERMA-FIX	SOP-016C, Hot Work Permit	Procedure Implementation	4/11/2002	4/11/2002	N/A		0.25	Yes	Pass	Yes
Smith, David	PERMA-FIX	Training, EQ, SOP-002E, LSV Knife Hog	Procedure Implementation	5/1/2002	5/1/2002	N/A		0.80	Yes	Pass	Yes
Smith, David	PERMA-FIX	OSHA, IC Lift Truck Operator Training	Operator Refresher	6/20/2002	6/20/2002	Ring Power	6/20/2005	3.00	Yes	Pass	Yes
Smith, David	PERMA-FIX	SOP-003E, Industrial Lift Truck Operator	Procedure Implementation	6/20/2002	6/20/2002	N/A		0.50	Yes	Pass	Yes
Smith, David	PERMA-FIX	Radiation Protection, Annual Refresher	Annual Refresher	9/12/2002	9/12/2002	N/A		8.00	Yes	Pass	Yes
Smith, David	PERMA-FIX	SOP-010Q, Stop Work Authorization	Procedure Implementation	10/2/2002	10/2/2002	N/A		0.50	Yes	Pass	Yes
Total								63.70	0.00		

Employee Code ThomasR

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Thomas	Ray	PERMA-FIX	OSHA 8 Hour Refresher Training	Regulatory Requirement	3/15/2002	3/15/2002	N/A		8.00	Yes	Pass	Yes	
Thomas	Ray	PERMA-FIX	SOP-015Q-r1, C&D of N-C, Comm.&Wast	Procedure Implementation	10/16/2002	10/16/2002	N/A		1.50	Yes	Pass	Yes	
Total									9.50	0.00			

Employee Code TravisM

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Travis	Mark	PERMA-FIX	Annual Respirator Fit Test	Proper Fit Verification	2/5/2002	2/5/2002	3M	2/5/2003	0.50	Yes	Pass	Yes	
Travis	Mark	PERMA-FIX	SOP-014C, Chemical Hygiene Plan	Procedure Implementation	2/14/2002	2/14/2002	N/A		0.75	Yes	Pass	Yes	
Travis	Mark	PERMA-FIX	OSHA 8 Hour Refresher Training	Regulatory Requirement	3/15/2002	3/15/2002	N/A		8.00	Yes	Pass	Yes	
Travis	Mark	PERMA-FIX	SOP-008G, Evac. Drills, An. Fire Drill	Procedure Implementation	4/4/2002	4/4/2002	N/A		1.00	Yes	Pass	Yes	
Travis	Mark	PERMA-FIX	Radiation Protection, Annual Refresher	Annual Refresher	10/1/2002	10/1/2002	N/A		8.00	Yes	Pass	Yes	
Total									18.25	0.00			

Employee Code TribbyC

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Tribby	Cindy	PERMA-FIX	SOP-008G, Evac. Drills, An. Fire Drill	Procedure Implementation	4/4/2002	4/4/2002	N/A		1.00	Yes	Pass	Yes	
Tribby	Cindy	PERMA-FIX	SOP-015Q-r1, C&D of N-C, Comm.&Wast	Procedure Implementation	10/16/2002	10/16/2002	N/A		1.50	Yes	Pass	Yes	
Total									2.50	0.00			

Employee Code TurnerV

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Turner	Van	PERMA-FIX	Annual Respirator Fit Test	Proper Fit Verification	2/5/2002	2/5/2002	3M	2/5/2003	0.50	Yes	Pass	Yes	
Turner	Van	PERMA-FIX	SOP-014C, Chemical Hygiene Plan	Procedure Implementation	2/14/2002	2/14/2002	N/A		0.75	Yes	Pass	Yes	
Turner	Van	PERMA-FIX	OSHA 8 Hour Refresher Training	Regulatory Requirement	3/8/2002	3/8/2002	N/A		8.00	Yes	Pass	Yes	
Turner	Van	PERMA-FIX	SOP-008G, Evac. Drills, An. Fire Drill	Procedure Implementation	4/4/2002	4/4/2002	N/A		1.00	Yes	Pass	Yes	
Turner	Van	PERMA-FIX	Haz. Materials Training 49 CFR 172.704	Materials Transportation	5/21/2002	5/21/2002	Infotrac	5/21/2005	5.00	Yes	Pass	Yes	
Turner	Van	PERMA-FIX	Respirator Fit Test - Full Face	Proper Fit Verification	6/11/2002	6/11/2002	3M	6/11/2003	0.25	Yes	Pass	Yes	
Turner	Van	PERMA-FIX	OSHA, IC Lift Truck Operator Training	Operator Refresher	6/20/2002	6/20/2002	Ring Power	6/20/2005	3.00	Yes	Pass	Yes	
Turner	Van	PERMA-FIX	SOP-003E, Industrial Lift Truck Operator	Procedure Implementation	6/20/2002	6/20/2002	N/A		0.50	Yes	Pass	Yes	
Turner	Van	PERMA-FIX	Radiation Protection, Annual Refresher	Annual Refresher	10/1/2002	10/1/2002	N/A		8.00	Yes	Pass	Yes	
Turner	Van	PERMA-FIX	SOP-010Q, Stop Work Authorization	Procedure Implementation	10/2/2002	10/2/2002	N/A		0.50	Yes	Pass	Yes	
Total									27.50	0.00			

Employee Code VinsonR

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Vinson	Randall	PERMA-FIX	SOP-001C, General Safety Rules	Facility Safety Policies	3/20/2002	3/20/2002	N/A		0.50	Yes	Pass	Yes	
Vinson	Randall	PERMA-FIX	SOP-004A, New Employee Orientation	Plant Policy Familiarization	3/20/2002	3/20/2002	N/A		7.00	Yes	Pass	Yes	
Vinson	Randall	PERMA-FIX	SOP-004C, Respiratory Prot., Fit Test	Proper Fit Test	3/20/2002	3/20/2002	N/A		0.50	Yes	Pass	Yes	
Vinson	Randall	PERMA-FIX	SOP-006R, Radiological Control, LSV	Procedure Implementation	3/27/2002	3/27/2002	N/A		0.40	Yes	Pass	Yes	
Vinson	Randall	PERMA-FIX	SOP-045R-r0, Svy of Rad Mat and Wst Sh	Procedure Implementation	3/27/2002	3/27/2002	N/A		0.70	Yes	Pass	Yes	
Vinson	Randall	PERMA-FIX	SOP-008G, Evac. Drills, An. Fire Drill	Procedure Implementation	4/4/2002	4/4/2002	N/A		1.00	Yes	Pass	Yes	
Vinson	Randall	PERMA-FIX	Industrial Lifttruck Operator Training	Proper Operation Techniques	4/9/2002	4/9/2002	Ring Power	4/9/2005	4.00	Yes	Pass	Yes	
Vinson	Randall	PERMA-FIX	SOP-001G, Powered Industrial Lift Trk Op	Procedure Implementation	4/9/2002	4/9/2002	N/A		0.50	Yes	Pass	Yes	
Vinson	Randall	PERMA-FIX	SOP-009C, Confined Space Entry	Procedure Implementation	4/11/2002	4/11/2002	N/A		0.50	Yes	Pass	Yes	
Vinson	Randall	PERMA-FIX	SOP-013C, Lockout / Tagout	Procedure Implementation	4/11/2002	4/11/2002	N/A		0.50	Yes	Pass	Yes	
Vinson	Randall	PERMA-FIX	SOP-016C, Hot Work Permit	Procedure Implementation	4/11/2002	4/11/2002	N/A		0.25	Yes	Pass	Yes	
Vinson	Randall	PERMA-FIX	Training, EQ, SOP-002E, LSV Knife Hog	Procedure Implementation	5/1/2002	5/1/2002	N/A		0.80	Yes	Pass	Yes	
Vinson	Randall	PERMA-FIX	Haz. Materials Training 49 CFR 172.704	Materials Transportation	6/10/2002	6/10/2002	Infotrac	6/10/2005	5.00	Yes	Pass	Yes	
Vinson	Randall	PERMA-FIX	OSHA, IC Lift Truck Operator Training	Operator Refresher	6/20/2002	6/20/2002	Ring Power	6/20/2005	3.00	Yes	Pass	Yes	
Vinson	Randall	PERMA-FIX	SOP-003E, Industrial Lift Truck Operator	Procedure Implementation	6/20/2002	6/20/2002	N/A		0.50	Yes	Pass	Yes	
Vinson	Randall	PERMA-FIX	OSHA 40 Hour Hazwoper	Regulatory Requirement	7/12/2002	8/9/2002	Perma-Fix		40.00	Yes	Pass	Yes	
Vinson	Randall	PERMA-FIX	Radiation Protection, Annual Refresher	Annual Refresher	9/12/2002	9/12/2002	N/A		8.00	Yes	Pass	Yes	
Vinson	Randall	PERMA-FIX	Op. Qual, Genie Boom Lift	Operator Qualification	9/27/2002	9/27/2002	Perma-Fix		1.00	Yes	Pass	Yes	
Vinson	Randall	PERMA-FIX	SOP-010Q, Stop Work Authorization	Procedure Implementation	10/2/2002	10/2/2002	N/A		0.50	Yes	Pass	Yes	
Total									74.65	0.00			

Employee Code WaldonD

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Waldon	Darci	PERMA-FIX	SOP-008G, Evac. Drills, An. Fire Drill	Procedure Implementation	4/4/2002	4/4/2002	N/A		1.00	Yes	Pass	Yes	
Total									1.00	0.00			

Employee Code WarrenB

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Warren	Ben	PERMA-FIX	NMMSS Reporting System, Perma-Fix	Improved Data Reporting	2/7/2002	2/7/2002	N/A		8.00	Yes	Pass	Yes	
Warren	Ben	PERMA-FIX	29 CFR 1910.120 Mason Farms Site	Site Specific HAZWOPER	3/8/2002	3/11/2002	N/A		8.00	Yes	Pass	Yes	
Warren	Ben	PERMA-FIX	SOP-008G, Evac. Drills, An. Fire Drill	Procedure Implementation	4/4/2002	4/4/2002	N/A		1.00	Yes	Pass	Yes	
Warren	Ben	PERMA-FIX	SOP-009A-r1, Site Audit & Tours	Procedure Implementation	10/7/2002	10/7/2002	N/A		0.25	Yes	Pass	Yes	
Warren	Ben	PERMA-FIX	SOP-015Q-r1, C&D of N-C, Comm.&Wast	Procedure Implementation	10/16/2002	10/16/2002	N/A		1.50	Yes	Pass	Yes	
Total									18.75	0.00			

Employee Code WatersM

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Waters	Mike	PERMA-FIX	SOP-002TP, Chemical Handling	Procedure Implementation	1/31/2002	1/31/2002	N/A		0.25	Yes	Pass	Yes	
Waters	Mike	PERMA-FIX	SOP-024TP, Chemical Storage	Procedure Implementation	1/31/2002	1/31/2002	N/A		0.25	Yes	Pass	Yes	
Waters	Mike	PERMA-FIX	Annual Respirator Fit Test	Proper Fit Verification	2/5/2002	2/5/2002	3M	2/5/2003	0.50	Yes	Pass	Yes	
Waters	Mike	PERMA-FIX	SOP-005R, Air Handling MW Unit	Procedure Implementation	2/13/2002	2/13/2002	N/A		0.30	Yes	Pass	Yes	
Waters	Mike	PERMA-FIX	SOP-007R-r1, Rad. Control, Trt Unit	Procedure Implementation	2/13/2002	2/13/2002	N/A		0.75	Yes	Pass	Yes	
Waters	Mike	PERMA-FIX	SOP-044R-r0, Perf Ver/Handling Surv Inst	Procedure Implementation	2/28/2002	2/28/2002	N/A		1.00	Yes	Pass	Yes	
Waters	Mike	PERMA-FIX	SOP-004T-r1, Safe Shutdown	Procedure Implementation	2/28/2002	2/28/2002	N/A		0.25	Yes	Pass	Yes	
Waters	Mike	PERMA-FIX	SOP-008C-R3, Incident Rpt- Investigation	Procedure Implementation	2/28/2002	2/28/2002	N/A		0.50	Yes	Pass	Yes	
Waters	Mike	PERMA-FIX	SOP-008T-r1, Q Hut Operations	Procedure Implementation	2/28/2002	2/28/2002	N/A		0.50	Yes	Pass	Yes	
Waters	Mike	PERMA-FIX	OSHA 8 Hour Refresher Training	Regulatory Requirement	3/8/2002	3/8/2002	N/A		8.00	Yes	Pass	Yes	
Waters	Mike	PERMA-FIX	Haz. Materials Training 49 CFR 172.704	Materials Transportation	3/12/2002	3/12/2002	Infotrac	3/12/2005	5.00	Yes	Pass	Yes	
Waters	Mike	PERMA-FIX	SOP-003G-r10, Facility Inspection Plan	Procedure Implementation	3/14/2002	3/14/2002	N/A		0.25	Yes	Pass	Yes	

Waters	Mike	PERMA-FIX	SOP-045R-r0, Svy of Rad Mat and Wst Sh	Procedure Implementation	3/27/2002	3/27/2002	N/A		0.70	Yes	Pass	Yes
Waters	Mike	PERMA-FIX	SOP-009S, Evac. Drills, An. Fire Drill	Procedure Implementation	4/4/2002	4/4/2002	N/A		1.00	Yes	Pass	Yes
Waters	Mike	PERMA-FIX	SOP-009C, Confined Space Entry	Procedure Implementation	4/11/2002	4/11/2002	N/A		0.50	Yes	Pass	Yes
Waters	Mike	PERMA-FIX	SOP-013C, Lockout / Tagout	Procedure Implementation	4/11/2002	4/11/2002	N/A		0.50	Yes	Pass	Yes
Waters	Mike	PERMA-FIX	OSHA, IC Lift Truck Operator Training	Operator Refresher	6/20/2002	6/20/2002	Ring Power	6/20/2005	3.00	Yes	Pass	Yes
Waters	Mike	PERMA-FIX	SOP-003E, Industrial Lift Truck Operator	Procedure Implementation	6/20/2002	6/20/2002	N/A		0.50	Yes	Pass	Yes
Waters	Mike	PERMA-FIX	Lab Pack Decommission Overview	Pre Procedure Training	6/24/2002	6/24/2002	N/A		1.00	Yes	Pass	Yes
Waters	Mike	PERMA-FIX	Container Closure	Proper Performance	8/1/2002	8/1/2002	N/A		0.45	Yes	Pass	Yes
Waters	Mike	PERMA-FIX	Radiation Protection, Annual Refresher	Annual Refresher	9/13/2002	9/13/2002	N/A		8.00	Yes	Pass	Yes
Waters	Mike	PERMA-FIX	SOP-010Q, Stop Work Authorization	Procedure Implementation	10/2/2002	10/2/2002	N/A		0.50	Yes	Pass	Yes
Waters	Mike	PERMA-FIX	MP2 W/O Usage, Review and Completion	Work Order Usage	11/5/2002	11/5/2002	N/A		0.50	Yes	Pass	Yes
Total									34.85	0.00		

Employee Code WhittleR

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Whittle	Raymond	PERMA-FIX	SOP-003Q, Corrective Action	Procedure Implementation	1/7/2002	1/7/2002	N/A		0.50		Yes	Pass	Yes
Whittle	Raymond	PERMA-FIX	SOP-004Q, Cntrl & Distribution of Docs.	Procedure Implementation	1/21/2002	1/21/2002	N/A		0.50		Yes	Pass	Yes
Whittle	Raymond	PERMA-FIX	SOP-010Q, Stop Work Authorization	Procedure Implementation	1/21/2002	1/21/2002	N/A		0.50		Yes	Pass	Yes
Whittle	Raymond	PERMA-FIX	SOP-005Q, Vendor Selection, use of AVL	Procedure Implementation	1/28/2002	1/28/2002	N/A		0.50		Yes	Pass	Yes
Whittle	Raymond	PERMA-FIX	SOP-015Q, C/D of Non Conforming Items	Procedure Implementation	1/28/2002	1/28/2002	N/A		0.50		Yes	Pass	Yes
Whittle	Raymond	PERMA-FIX	SOP-006Q, QA Management Assessments	Procedure Implementation	2/4/2002	2/4/2002	N/A		0.50		Yes	Pass	Yes
Whittle	Raymond	PERMA-FIX	SOP-007Q, Quali. of Audit/Surv. Personne	Procedure Implementation	2/4/2002	2/4/2002	N/A		0.50		Yes	Pass	Yes
Whittle	Raymond	PERMA-FIX	Annual Respirator Fit Test	Proper Fit Verification	2/5/2002	2/5/2002	3M	12/5/2003	0.50		Yes	Pass	Yes
Whittle	Raymond	PERMA-FIX	SOP-009Q, ID Storage and Disp of Recor	Procedure Implementation	2/11/2002	2/11/2002	N/A		0.50		Yes	Pass	Yes
Whittle	Raymond	PERMA-FIX	SOP-011Q, Receiving Inspection of Items	Procedure Implementation	3/11/2002	3/11/2002	N/A		0.50		Yes	Pass	Yes
Whittle	Raymond	PERMA-FIX	OSHA 8 Hour Refresher Training	Regulatory Requirement	3/15/2002	3/15/2002	N/A		8.00		Yes	Pass	Yes
Whittle	Raymond	PERMA-FIX	SOP-008G, Evac. Drills, An. Fire Drill	Procedure Implementation	4/4/2002	4/4/2002	N/A		1.00		Yes	Pass	Yes
Whittle	Raymond	PERMA-FIX	OSHA, IC Lift Truck Operator Training	Operator Refresher	6/20/2002	6/20/2002	Ring Power	6/20/2005	3.00		Yes	Pass	Yes
Whittle	Raymond	PERMA-FIX	SOP-003E, Industrial Lift Truck Operator	Procedure Implementation	6/20/2002	6/20/2002	N/A		0.50		Yes	Pass	Yes
Whittle	Raymond	PERMA-FIX	SOP-015Q-r1, C&D of N-C, Comm.&Wast	Procedure Implementation	7/17/2002	7/17/2002	N/A		1.00		Yes	Pass	Yes
Whittle	Raymond	PERMA-FIX	Radiation Protection, Annual Refresher	Annual Refresher	9/13/2002	9/13/2002	N/A		8.00		Yes	Pass	Yes
Whittle	Raymond	PERMA-FIX	SOP-009A-r1, Site Audit & Tours	Procedure Implementation	10/7/2002	10/7/2002	N/A		0.25		Yes	Pass	Yes
Whittle	Raymond	PERMA-FIX	SOP-015Q-r1, C&D of N-C, Comm.&Wast	Procedure Implementation	10/16/2002	10/16/2002	N/A		1.50		Yes	Pass	Yes
Whittle	Raymond	PERMA-FIX	SOP-007S-r1, Fire Alarm Operation	Procedure Implementation	11/4/2002	11/4/2002	N/A		1.00		Yes	Pass	Yes
Whittle	Raymond	PERMA-FIX	Trans of Mixed Wst., Gen. Ship Issues	Process Knowledge	12/3/2002	12/3/2002	N/A		2.00		Yes	Pass	Yes
Whittle	Raymond	PERMA-FIX	SOP-006E, AECS System Operation	Procedure Implementation	12/11/2002	12/11/2002	N/A		0.75		Yes	Pass	Yes
Total									32.00	0.00			

Employee Code WickesT

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Wickes	Tom	PERMA-FIX	SOP-002TP, Chemical Handling	Procedure Implementation	1/31/2002	1/31/2002	N/A		0.25		Yes	Pass	Yes
Wickes	Tom	PERMA-FIX	SOP-024TP, Chemical Storage	Procedure Implementation	1/31/2002	1/31/2002	N/A		0.25		Yes	Pass	Yes
Wickes	Tom	PERMA-FIX	Annual Respirator Fit Test	Proper Fit Verification	2/5/2002	2/5/2002	3M	2/5/2003	0.50		Yes	Pass	Yes
Wickes	Tom	PERMA-FIX	SOP-005R, Air Handling MW Unit	Procedure Implementation	2/13/2002	2/13/2002	N/A		0.30		Yes	Pass	Yes
Wickes	Tom	PERMA-FIX	SOP-007R-r1, Rad. Control, Trt Unit	Procedure Implementation	2/13/2002	2/13/2002	N/A		0.75		Yes	Pass	Yes
Wickes	Tom	PERMA-FIX	SOP-044R-r0, Perf Ver/Handling Surv Inst	Procedure Implementation	2/13/2002	2/13/2002	N/A		1.00		Yes	Pass	Yes
Wickes	Tom	PERMA-FIX	Haz. Materials Training 49 CFR 172.704	Materials Transportation	2/16/2002	2/16/2002	InfoTrac	2/16/2005	5.00		Yes	Pass	Yes
Wickes	Tom	PERMA-FIX	SOP-004T-r1, Safe Shutdown	Procedure Implementation	2/28/2002	2/28/2002	N/A		0.25		Yes	Pass	Yes
Wickes	Tom	PERMA-FIX	SOP-008C-R3, Incident Rpt- Investigation	Procedure Implementation	2/28/2002	2/28/2002	N/A		0.50		Yes	Pass	Yes
Wickes	Tom	PERMA-FIX	SOP-008T-r1, Q Hut Operations	Procedure Implementation	2/28/2002	2/28/2002	N/A		0.50		Yes	Pass	Yes
Wickes	Tom	PERMA-FIX	OSHA 8 Hour Refresher Training	Regulatory Required	3/8/2002	3/8/2002	N/A		8.00		Yes	Pass	Yes
Wickes	Tom	PERMA-FIX	SOP-025R-r0, Vehicle Radiological Survey	Procedure Implementation	3/15/2002	3/15/2002	N/A		0.50		Yes	Pass	Yes
Wickes	Tom	PERMA-FIX	SOP-045R-r0, Svy of Rad Mat and Wst Sh	Procedure Implementation	3/15/2002	3/15/2002	N/A		0.40		Yes	Pass	Yes
Wickes	Tom	PERMA-FIX	SOP-006R, Radiological Control, LSV	Procedure Implementation	3/27/2002	3/27/2002	N/A		0.40		Yes	Pass	Yes
Wickes	Tom	PERMA-FIX	SOP-045R-r0, Svy of Rad Mat and Wst Sh	Procedure Implementation	3/27/2002	3/27/2002	N/A		0.70		Yes	Pass	Yes
Wickes	Tom	PERMA-FIX	SOP-018R, Determ. of Fissile Mat'l Mass	Procedure Implementation	4/3/2002	4/3/2002	N/A		1.10		Yes	Pass	Yes
Wickes	Tom	PERMA-FIX	SOP-008G, Evac. Drills, An. Fire Drill	Procedure Implementation	4/4/2002	4/4/2002	N/A		1.00		Yes	Pass	Yes
Wickes	Tom	PERMA-FIX	SOP-009C, Confined Space Entry	Procedure Implementation	4/11/2002	4/11/2002	N/A		0.50		Yes	Pass	Yes
Wickes	Tom	PERMA-FIX	SOP-013C, Lockout / Tagout	Procedure Implementation	4/11/2002	4/11/2002	N/A		0.50		Yes	Pass	Yes
Wickes	Tom	PERMA-FIX	SOP-019R, Uran, Thor, Radium Calculatio	Procedure Implementation	4/17/2002	4/17/2002	N/A		0.75		Yes	Pass	Yes
Wickes	Tom	PERMA-FIX	OSHA, IC Lift Truck Operator Training	Operator Refresher	6/12/2002	6/12/2002	Ring Power	6/12/2005	3.75		Yes	Pass	Yes
Wickes	Tom	PERMA-FIX	SOP-003E, Industrial Lift Truck Operator	Procedure Implementation	6/12/2002	6/12/2002	N/A		0.50		Yes	Pass	Yes
Wickes	Tom	PERMA-FIX	Hazcom - Asbestos Update	Handling Requirements	6/17/2002	6/17/2002	N/A		0.40		Yes	Pass	Yes
Wickes	Tom	PERMA-FIX	Lab Pack Decommission Overview	Pre Procedure Training	6/24/2002	6/24/2002	N/A		1.00		Yes	Pass	Yes
Wickes	Tom	PERMA-FIX	Container Closure	Proper Performance	8/1/2002	8/1/2002	N/A		0.45		Yes	Pass	Yes
Wickes	Tom	PERMA-FIX	Radiation Protection, Annual Refresher	Annual Refresher	9/13/2002	9/13/2002	N/A		8.00		Yes	Pass	Yes
Wickes	Tom	PERMA-FIX	SOP-010Q, Stop Work Authorization	Procedure Implementation	10/2/2002	10/2/2002	N/A		0.50		Yes	Pass	Yes
Wickes	Tom	PERMA-FIX	MP2 W/O Usage, Review and Completion	Work Order Usage	11/5/2002	11/5/2002	N/A		0.50		Yes	Pass	Yes
Wickes	Tom	PERMA-FIX	SOP-006E, AECS System Operation	Procedure Implementation	12/11/2002	12/11/2002	N/A		0.75		Yes	Pass	Yes
Total									39.00	0.00			

Employee Code WilkersonC

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Wilkerson	Candis	PERMA-FIX	SOP-008G, Evac. Drills, An. Fire Drill	Procedure Implementation	4/4/2002	4/4/2002	N/A		1.00		Yes	Pass	Yes
Wilkerson	Candis	PERMA-FIX	SOP-009A-r1, Site Audits/Tours	Procedure Implementation	11/12/2002	11/12/2002	N/A		0.25		Yes	Pass	Yes
Total									1.25	0.00			

Employee Code WilliamsS

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Williams	Steve	PERMA-FIX	SOP-002TP, Chemical Handling	Procedure Implementation	1/31/2002	1/31/2002	N/A		0.25		Yes	Pass	Yes
Williams	Steve	PERMA-FIX	SOP-024TP, Chemical Storage	Procedure Implementation	1/31/2002	1/31/2002	N/A		0.25		Yes	Pass	Yes
Williams	Steve	PERMA-FIX	Annual Respirator Fit Test	Proper Fit verification	2/5/2002	2/5/2002	3M	2/5/2003	0.50		Yes	Pass	Yes
Williams	Steve	PERMA-FIX	Haz. Materials Training 49 CFR 172.704	Materials Transportation	2/9/2002	2/9/2002	InfoTrac	2/9/2005	5.00		Yes	Pass	Yes
Williams	Steve	PERMA-FIX	SOP-005R, Air Handling MW Unit	Procedure Implementation	2/13/2002	2/13/2002	N/A		0.30		Yes	Pass	Yes
Williams	Steve	PERMA-FIX	SOP-007R-r1, Rad. Control, Trt Unit	Procedure Implementation	2/13/2002	2/13/2002	N/A		0.75		Yes	Pass	Yes
Williams	Steve	PERMA-FIX	SOP-044R-r0, Perf Ver/Handling Surv Inst	Procedure Implementation	2/13/2002	2/13/2002	N/A		1.00		Yes	Pass	Yes
Williams	Steve	PERMA-FIX	SOP-008C-R3, Incident Rpt- Investigation	Procedure Implementation	2/28/2002	2/28/2002	N/A		0.50		Yes	Pass	Yes
Williams	Steve	PERMA-FIX	OSHA 8 Hour Refresher Training	Regulatory Requirement	3/8/2002	3/8/2002	N/A		8.00		Yes	Pass	Yes
Williams	Steve	PERMA-FIX	Waste Tracking-Manifest Entry	Program Implementation	3/11/2002	3/11/2002	N/A		3.00		Yes	Pass	Yes
Williams	Steve	PERMA-FIX	SOP-003G-r10, Facility Inspection Plan	Procedure Implementation	3/14/2002	3/14/2002	N/A		0.25		Yes	Pass	Yes
Williams	Steve	PERMA-FIX	SOP-007C, Personal Protective Equipment	Procedure Implementation	3/14/2002	3/14/2002	N/A		0.25		Yes	Pass	Yes
Williams	Steve	PERMA-FIX	SOP-025R-r0, Vehicle Radiological Survey	Procedure Implementation	3/15/2002	3/15/2002	N/A		0.50		Yes	Pass	Yes
Williams	Steve	PERMA-FIX	SOP-045R-r0, Svy of Rad Mat and Wst Sh	Procedure Implementation	3/15/2002	3/15/2002	N/A		0.40		Yes	Pass	Yes
Williams	Steve	PERMA-FIX	SOP-006R, Radiological Control, LSV	Procedure Implementation	3/27/2002	3/27/2002	N/A		0.40		Yes	Pass	Yes
Williams	Steve	PERMA-FIX	SOP-045R-r0, Svy of Rad Mat and Wst Sh	Procedure Implementation	3/27/2002	3/27/2002	N/A		0.70		Yes	Pass	Yes
Williams	Steve	PERMA-FIX	SOP-008G, Evac. Drills, An. Fire Drill	Procedure Implementation	4/4/2002	4/4/2002	N/A		1.00		Yes	Pass	Yes
Williams	Steve	PERMA-FIX	SOP-009C, Confined Space Entry	Procedure Implementation	4/11/2002	4/11/2002	N/A		0.50		Yes	Pass	Yes
Williams	Steve	PERMA-FIX	SOP-013C, Lockout / Tagout	Procedure Implementation	4/11/2002	4/11/2002	N/A		0.50		Yes	Pass	Yes
Williams	Steve	PERMA-FIX	SOP-002I, Industrial Waste Sampling	Procedure Implementation	6/12/2002	6/12/2002	N/A		0.50		Yes	Pass	Yes
Williams	Steve	PERMA-FIX	OSHA, IC Lift Truck Operator Training	Operator Refresher	6/20/2002	6/20/2002	Ring Power	6/20/2005	3.00		Yes	Pass	Yes
Williams	Steve	PERMA-FIX	SOP-003E, Industrial Lift Truck Operator	Procedure Implementation	6/20/2002	6/20/2002	N/A		0.50		Yes	Pass	Yes
Williams	Steve	PERMA-FIX	SOP-001I-r0, Drum Unld.& Accountability	Procedure Implementation	7/18/2002	7/18/2002	N/A		0.70		Yes	Pass	Yes
Williams	Steve	PERMA-FIX	Container Closure	Proper Performance	8/1/2002	8/1/2002	N/A		0.45		Yes	Pass	Yes
Williams	Steve	PERMA-FIX	Radiation Protection, Annual Refresher	Annual Refresher	9/13/2002	9/13/2002	N/A		8.00		Yes	Pass	Yes

Williams	Steve	PERMA-FIX	Surcharge Schedule	NCR Corrective Action	9/17/2002	9/17/2002	N/A	0.25	Yes	Pass	Yes
Williams	Steve	PERMA-FIX	Waste Acceptance Criteria	NCR Corrective Action	9/17/2002	9/17/2002	N/A	0.25	Yes	Pass	Yes
Williams	Steve	PERMA-FIX	Container Closure, Nitrate Label Rqments	Proper Performance	9/20/2002	9/20/2002	N/A	0.40	Yes	Pass	Yes
Williams	Steve	PERMA-FIX	SOP-010Q, Stop Work Authorization	Procedure Implementation	10/2/2002	10/2/2002	N/A	0.50	Yes	Pass	Yes
Williams	Steve	PERMA-FIX	IMP2 W/O Usage, Review and Completion	Work Order Usage	11/5/2002	11/5/2002	N/A	0.50	Yes	Pass	Yes
Williams	Steve	PERMA-FIX	DOT Refresher, Storage Requirements	Storage Requirements	12/5/2002	12/5/2002	N/A	0.40	Yes	Pass	Yes
Total								39.75	0.00		

Employee Code WilsonB

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Wilson	Benjy	PERMA-FIX	SOP-002TP, Chemical Handling	Procedure Implementation	1/31/2002	1/31/2002	N/A		0.25		Yes	Pass	Yes
Wilson	Benjy	PERMA-FIX	SOP-024TP, Chemical Storage	Procedure Implementation	1/31/2002	1/31/2002	N/A		0.25		Yes	Pass	Yes
Wilson	Benjy	PERMA-FIX	Annual Respirator Fit Test	Proper Fit Verification	2/5/2002	2/5/2002	3M	2/5/2003	0.50		Yes	Pass	Yes
Wilson	Benjy	PERMA-FIX	SOP-005R, Air Handling MW Unit	Procedure Implementation	2/13/2002	2/13/2002	N/A		0.30		Yes	Pass	Yes
Wilson	Benjy	PERMA-FIX	SOP-007R-r1, Rad. Control, Trt Unit	Procedure Implementation	2/13/2002	2/13/2002	N/A		0.75		Yes	Pass	Yes
Wilson	Benjy	PERMA-FIX	SOP-044R-r0, Perf Ver/Handling Surv Inst	Procedure Implementation	2/13/2002	2/13/2002	N/A		1.00		Yes	Pass	Yes
Wilson	Benjy	PERMA-FIX	SOP-004T-r1, Safe Shutdown	Procedure Implementation	2/28/2002	2/28/2002	N/A		0.25		Yes	Pass	Yes
Wilson	Benjy	PERMA-FIX	SOP-008C-R3, Incident Rpt- Investigation	Procedure Implementation	2/28/2002	2/28/2002	N/A		0.50		Yes	Pass	Yes
Wilson	Benjy	PERMA-FIX	SOP-008T-r1, Q Hut Operations	Procedure Implementation	2/28/2002	2/28/2002	N/A		0.50		Yes	Pass	Yes
Wilson	Benjy	PERMA-FIX	OSHA 8 Hour Refresher Training	Regulatory Requirement	3/8/2002	3/8/2002	N/A		8.00		Yes	Pass	Yes
Wilson	Benjy	PERMA-FIX	SOP-003G-r10, Facility Inspection Plan	Procedure Implementation	3/14/2002	3/14/2002	N/A		0.25		Yes	Pass	Yes
Wilson	Benjy	PERMA-FIX	SOP-007C, Personal Protective Equipment	Procedure Implementation	3/14/2002	3/14/2002	N/A		0.25		Yes	Pass	Yes
Wilson	Benjy	PERMA-FIX	SOP-006R, Radiological Control, LSV	Procedure Implementation	3/27/2002	3/27/2002	N/A		0.40		Yes	Pass	Yes
Wilson	Benjy	PERMA-FIX	SOP-045R-r0, Svy of Rad Mat and Wst Sh	Procedure Implementation	3/27/2002	3/27/2002	N/A		0.70		Yes	Pass	Yes
Wilson	Benjy	PERMA-FIX	SOP-008G, Evac. Drills, An. Fire Drill	Procedure Implementation	4/4/2002	4/4/2002	N/A		1.00		Yes	Pass	Yes
Wilson	Benjy	PERMA-FIX	SOP-009C, Confined Space Entry	Procedure Implementation	4/11/2002	4/11/2002	N/A		0.50		Yes	Pass	Yes
Wilson	Benjy	PERMA-FIX	SOP-013C, Lockout / Tagout	Procedure Implementation	4/11/2002	4/11/2002	N/A		0.50		Yes	Pass	Yes
Wilson	Benjy	PERMA-FIX	Haz. Materials Training 49 CFR 172.704	Materials Transportation	6/3/2002	6/3/2002	Infotrac	6/3/2005	5.00		Yes	Pass	Yes
Wilson	Benjy	PERMA-FIX	OSHA, IC Lift Truck Operator Training	Operator Refresher	6/20/2002	6/20/2002	Ring Power	6/20/2005	3.00		Yes	Pass	Yes
Wilson	Benjy	PERMA-FIX	SOP-003E, Industrial Lift Truck Operator	Procedure Implementation	6/20/2002	6/20/2002	N/A		0.50		Yes	Pass	Yes
Wilson	Benjy	PERMA-FIX	Lab Pack Decommission Overview	Pre Procedure Training	6/24/2002	6/24/2002	N/A		1.00		Yes	Pass	Yes
Wilson	Benjy	PERMA-FIX	Container Closure	Proper Performance	8/1/2002	8/1/2002	N/A		0.45		Yes	Pass	Yes
Wilson	Benjy	PERMA-FIX	Radiation Protection, Annual Refresher	Annual Refresher	8/30/2002	8/30/2002	N/A		8.00		Yes	Pass	Yes
Wilson	Benjy	PERMA-FIX	SOP-010Q, Stop Work Authorization	Procedure Implementation	10/2/2002	10/2/2002	N/A		0.50		Yes	Pass	Yes
Wilson	Benjy	PERMA-FIX	IMP2 W/O Usage, Review and Completion	Work Order Usage	11/5/2002	11/5/2002	N/A		0.50		Yes	Pass	Yes
Wilson	Benjy	PERMA-FIX	SOP-006E, AECs System Operation	Procedure Implementation	12/11/2002	12/11/2002	N/A		0.75		Yes	Pass	Yes
Total								35.60	0.00				

Employee Code XiaK

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Xia	Ken	PERMA-FIX	SOP-002TP, Chemical Handling	Procedure Implementation	1/31/2002	1/31/2002	N/A		0.25		Yes	Pass	Yes
Xia	Ken	PERMA-FIX	SOP-024TP, Chemical Storage	Procedure Implementation	1/31/2002	1/31/2002	N/A		0.25		Yes	Pass	Yes
Xia	Ken	PERMA-FIX	Annual Respirator Fit Test	Proper Fit Verification	2/5/2002	2/5/2002	3M	2/5/2003	0.50		Yes	Pass	Yes
Xia	Ken	PERMA-FIX	SOP-005R, Air Handling MW Unit	Procedure Implementation	2/13/2002	2/13/2002	N/A		0.30		Yes	Pass	Yes
Xia	Ken	PERMA-FIX	SOP-007R-r1, Rad. Control, Trt Unit	Procedure Implementation	2/13/2002	2/13/2002	N/A		0.75		Yes	Pass	Yes
Xia	Ken	PERMA-FIX	SOP-044R-r0, Perf Ver/Handling Surv Inst	Procedure Implementation	2/13/2002	2/13/2002	N/A		1.00		Yes	Pass	Yes
Xia	Ken	PERMA-FIX	OSHA 40 Hour Hazwoper	Regulatory Requirement	2/22/2002	2/22/2002	N/A		40.00		Yes	Pass	Yes
Xia	Ken	PERMA-FIX	SOP-004T-r1, Safe Shutdown	Procedure Implementation	2/28/2002	2/28/2002	N/A		0.25		Yes	Pass	Yes
Xia	Ken	PERMA-FIX	SOP-008C-R3, Incident Rpt- Investigation	Procedure Implementation	2/28/2002	2/28/2002	N/A		0.50		Yes	Pass	Yes
Xia	Ken	PERMA-FIX	SOP-008T-r1, Q Hut Operations	Procedure Implementation	2/28/2002	2/28/2002	N/A		0.50		Yes	Pass	Yes
Xia	Ken	PERMA-FIX	SOP-003G-r10, Facility Inspection Plan	Procedure Implementation	3/14/2002	3/14/2002	N/A		0.25		Yes	Pass	Yes
Xia	Ken	PERMA-FIX	SOP-007C, Personal Protective Equipment	Procedure Implementation	3/14/2002	3/14/2002	N/A		0.25		Yes	Pass	Yes
Xia	Ken	PERMA-FIX	Haz. Materials Training 49 CFR 172.704	Materials Transportation	4/3/2002	4/3/2002	Infotrac	4/3/2005	5.00		Yes	Pass	Yes
Xia	Ken	PERMA-FIX	SOP-001E, Op of Pneu Drum Tumbler	Procedure Implementation	4/10/2002	4/10/2002	N/A		0.75		Yes	Pass	Yes
Xia	Ken	PERMA-FIX	SOP-009C, Confined Space Entry	Procedure Implementation	4/11/2002	4/11/2002	N/A		0.50		Yes	Pass	Yes
Xia	Ken	PERMA-FIX	SOP-013C, Lockout / Tagout	Procedure Implementation	4/11/2002	4/11/2002	N/A		0.50		Yes	Pass	Yes
Xia	Ken	PERMA-FIX	Hazcom - Asbestos Update	Handling Requirements	6/17/2002	6/17/2002	N/A		0.40		Yes	Pass	Yes
Xia	Ken	PERMA-FIX	OSHA, IC Lift Truck Operator Training	Operator Refresher	6/20/2002	6/20/2002	Ring Power	6/20/2005	3.00		Yes	Pass	Yes
Xia	Ken	PERMA-FIX	SOP-003E, Industrial Lift Truck Operator	Procedure Implementation	6/20/2002	6/20/2002	N/A		0.50		Yes	Pass	Yes
Xia	Ken	PERMA-FIX	Container Closure	Proper Performance	8/1/2002	8/1/2002	N/A		0.45		Yes	Pass	Yes
Xia	Ken	PERMA-FIX	Radiation Protection, Annual Refresher	Annual Refresher	8/30/2002	8/30/2002	N/A		8.00		Yes	Pass	Yes
Xia	Ken	PERMA-FIX	SOP-010Q, Stop Work Authorization	Procedure Implementation	10/2/2002	10/2/2002	N/A		0.50		Yes	Pass	Yes
Xia	Ken	PERMA-FIX	IMP2 W/O Usage, Review and Completion	Work Order Usage	11/5/2002	11/5/2002	N/A		0.50		Yes	Pass	Yes
Total								64.90	0.00				

Employee Code YarbroughT

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Yarbrough	Tom	PERMA-FIX	SOP-003Q, Corrective Action	Procedure Implementation	1/7/2002	1/7/2002	N/A		0.50		Yes	Pass	Yes
Yarbrough	Tom	PERMA-FIX	SOP-004Q, Cntrl & Distribution of Docs.	Procedure Implementation	1/21/2002	1/21/2002	N/A		0.50		Yes	Pass	Yes
Yarbrough	Tom	PERMA-FIX	SOP-010Q, Stop Work Authorization	Procedure Implementation	1/21/2002	1/21/2002	N/A		0.50		Yes	Pass	Yes
Yarbrough	Tom	PERMA-FIX	SOP-005Q, Vendor Selection, use of AVL	Procedure Implementation	1/28/2002	1/28/2002	N/A		0.50		Yes	Pass	Yes
Yarbrough	Tom	PERMA-FIX	SOP-015Q, C/D of Non Conforming Items	Procedure Implementation	1/28/2002	1/28/2002	N/A		0.50		Yes	Pass	Yes
Yarbrough	Tom	PERMA-FIX	SOP-006Q, QA Management Assessments	Procedure Implementation	2/4/2002	2/4/2002	N/A		0.50		Yes	Pass	Yes
Yarbrough	Tom	PERMA-FIX	SOP-007Q, Qual of Audit Surv. Personnel	Procedure Implementation	2/4/2002	2/4/2002	N/A		0.50		Yes	Pass	Yes
Yarbrough	Tom	PERMA-FIX	Annual Respirator Fit Test	Proper Fit Verification	2/5/2002	2/5/2002	3M	2/5/2003	0.50		Yes	Pass	Yes
Yarbrough	Tom	PERMA-FIX	SOP-009Q, ID Storage and Disp of Recor	Procedure Implementation	2/11/2002	2/11/2002	N/A		0.50		Yes	Pass	Yes
Yarbrough	Tom	PERMA-FIX	SOP-014Q, Chemical Hygiene Plan	Procedure Implementation	2/14/2002	2/14/2002	N/A		0.75		Yes	Pass	Yes
Yarbrough	Tom	PERMA-FIX	OSHA 8 Hour Refresher Training	Regulatory Requirement	3/8/2002	3/8/2002	N/A		8.00		Yes	Pass	Yes
Yarbrough	Tom	PERMA-FIX	SOP-011Q, Receiving Inspection of Items	Procedure Implementation	3/11/2002	3/11/2002	N/A		0.50		Yes	Pass	Yes
Yarbrough	Tom	PERMA-FIX	Radiation Protection, Annual Refresher	Annual Refresher	10/1/2002	10/1/2002	N/A		8.00		Yes	Pass	Yes
Yarbrough	Tom	PERMA-FIX	IMP2 W/O Usage, Review and Completion	Work Order Usage	11/5/2002	11/5/2002	N/A		0.50		Yes	Pass	Yes
Yarbrough	Tom	PERMA-FIX	SOP-009A-r1, Site Audits/Tours	Procedure Implementation	11/12/2002	11/12/2002	N/A		0.25		Yes	Pass	Yes
Total								22.50	0.00				

Grand Total

1,802.45 3.01

Aguiar	Ray	PERMA-FIX	SOP-004A, PFF Employee Orientation	Facility/Policy Familiarization	2/18/2003	2/18/2003	N/A	0.50	Yes	Pass	Yes
Aguiar	Ray	PERMA-FIX	Incident Report IR-030603-001	Corrective Action	2/18/2003	3/10/2003	N/A	7.00	Yes	Pass	Yes
Aguiar	Ray	PERMA-FIX	SOP-005C-r4 Hazard Communication	Procedure Implementation	5/9/2003	5/9/2003	N/A	0.50	Yes	Pass	Yes
Aguiar	Ray	PERMA-FIX	SOP-006C-r4 Medical Surveillance	Procedure Implementation	5/9/2003	5/9/2003	N/A	1.00	Yes	Pass	Yes
Aguiar	Ray	PERMA-FIX	SOP-009Ar2- Facility Safety and Security	Procedure Implementation	5/12/2003	5/12/2003	N/A	0.50	Yes	Pass	Yes
Aguiar	Ray	PERMA-FIX	SOP-009C-r4 Incident Rpt & Investigation	Procedure Implementation	5/16/2003	5/16/2003	N/A	1.00	Yes	Pass	Yes
Aguiar	Ray	PERMA-FIX	SOP-019C-r7, Contingency Plan	Procedure Implementation	5/16/2003	5/16/2003	N/A	1.00	Yes	Pass	Yes
Aguiar	Ray	PERMA-FIX	PFT-004, Internal Combustion Lift Truck	Proper Operation Techniques	5/22/2003	5/22/2003	Ring Power	3.00	Yes	Pass	Yes
Aguiar	Ray	PERMA-FIX	Radioical Wkr., Basic 16 Hr. Training	Rad Safety Training	6/6/2003	6/13/2003	N/A	16.00	Yes	Pass	Yes
Aguiar	Ray	PERMA-FIX	Container Labeling	INCR Corrective Action	8/13/2003	8/13/2003	N/A	0.25	Yes	Pass	Yes
Aguiar	Ray	PERMA-FIX	MP2 W/O Usage - Corrective Action	INCR Corrective Action	8/26/2003	8/26/2003	N/A	0.50	Yes	Pass	Yes
Aguiar	Ray	PERMA-FIX	Asbestos Hazards/Safety Requirements	Safety Training	9/4/2003	19/4/2003	N/A	0.50	Yes	Pass	Yes
Aguiar	Ray	PERMA-FIX	SOP-RL02-Analysis of Gamma Rad. /Envir	Procedure Implementation	9/12/2003	19/12/2003	N/A	0.75	Yes	Pass	Yes
Total								34.00	0.00		

Employee Code AllenG

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Allen	Gilbert	PERMA-FIX	RCRA 8 Hour Refresher	Annual Refresher	2/28/2003	2/28/2003	N/A		8.00	Yes	Pass	Yes	
Allen	Gilbert	PERMA-FIX	SOP-008G, Annual Fire Drill	Annual Refresher	5/1/2003	5/1/2003	N/A		0.50	Yes	Pass	Yes	
Allen	Gilbert	PERMA-FIX	SOP-009Ar2- Facility Safety and Security	Procedure Implementation	5/14/2003	5/14/2003	N/A		0.50	Yes	Pass	Yes	
Allen	Gilbert	PERMA-FIX	Annual Respirator Fit Test	Qualitative Fit	6/25/2003	6/25/2003	N/A		0.50	Yes	Pass	Yes	
Allen	Gilbert	PERMA-FIX	Mercury Lamp, Handling and Processing	Awareness Training	6/26/2003	6/26/2003	N/A		0.25	Yes	Pass	Yes	
Total									9.75	0.00			

Employee Code BassettM

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Bassett	Michael	PERMA-FIX	SOP-014S, Chemical Hygiene Plan	Procedure Implementation	1/7/2003	1/7/2003	N/A		0.50	Yes	Pass	Yes	
Bassett	Michael	PERMA-FIX	RCRA 8 Hour Refresher	Annual Refresher	2/28/2003	2/28/2003	N/A		8.00	Yes	Pass	Yes	
Bassett	Michael	PERMA-FIX	Annual Respirator Fit Test	Qualitative Fit	3/18/2003	3/18/2003	3M	3/18/2004	0.50	Yes	Pass	Yes	
Bassett	Michael	PERMA-FIX	SOP-008G, Annual Fire Drill	Annual Refresher	5/1/2003	5/1/2003	N/A		0.50	Yes	Pass	Yes	
Bassett	Michael	PERMA-FIX	SOP-009Ar2- Facility Safety and Security	Procedure Implementation	5/20/2003	5/20/2003	N/A		0.50	Yes	Pass	Yes	
Bassett	Michael	PERMA-FIX	SOP-201CL-r2, Samp-Analysis, A/S M/W	Procedure Implementation	8/6/2003	8/6/2003	N/A		1.20	Yes	Pass	Yes	
Bassett	Michael	PERMA-FIX	SOP-202CL-r1, Samp-Analysis, Treated H	Procedure Implementation	8/6/2003	8/6/2003	N/A		0.50	Yes	Pass	Yes	
Bassett	Michael	PERMA-FIX	MP2 W/O Usage - Corrective Action	INCR Corrective Action	8/11/2003	8/11/2003	N/A		1.25	Yes	Pass	Yes	
Total									12.95	0.00			

Employee Code BrimleyR

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Brimley	Richard	PERMA-FIX	SOP-014S, Chemical Hygiene Plan	Procedure Implementation	1/7/2003	1/7/2003	N/A		0.50	Yes	Pass	Yes	
Brimley	Richard	PERMA-FIX	RCRA 8 Hour Refresher	Annual Refresher	3/7/2003	3/7/2003	N/A		8.00	Yes	Pass	Yes	
Brimley	Richard	PERMA-FIX	Annual Respirator Fit Test	Qualitative Fit	3/18/2003	3/18/2003	3M	3/18/2004	0.50	Yes	Pass	Yes	
Brimley	Richard	PERMA-FIX	SOP-008G, Annual Fire Drill	Annual Refresher	5/1/2003	5/1/2003	N/A		0.50	Yes	Pass	Yes	
Brimley	Richard	PERMA-FIX	SOP-009Ar2- Facility Safety and Security	Procedural Implementation	7/2/2003	7/2/2003	N/A		0.50	Yes	Pass	Yes	
Brimley	Richard	PERMA-FIX	SOP-201CL-r2, Samp-Analysis, A/S M/W	Procedure Implementation	8/6/2003	8/6/2003	N/A		1.20	Yes	Pass	Yes	
Brimley	Richard	PERMA-FIX	SOP-202CL-r1, Samp-Analysis, Treated H	Procedure Implementation	8/6/2003	8/6/2003	N/A		0.50	Yes	Pass	Yes	
Total									11.70	0.00			

Employee Code BrownH

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Brown	Hones	PERMA-FIX	RCRA 8 Hour Refresher	Annual Refresher	2/14/2003	2/14/2003	N/A		8.00	Yes	Pass	Yes	
Brown	Hones	PERMA-FIX	Forklift Operator Training - Remedial	NCR Corrective action	2/18/2003	2/18/2003	N/A		0.50	Yes	Pass	Yes	
Brown	Hones	PERMA-FIX	Annual Respirator Fit Test	Qualitative Fit	3/17/2003	3/17/2003	3M	3/17/2004	0.50	Yes	Pass	Yes	
Brown	Hones	PERMA-FIX	SOP-007C, Personal Protective Equipment	Procedure Implementation	3/20/2003	3/20/2003	N/A		0.50	Yes	Pass	Yes	
Brown	Hones	PERMA-FIX	SOP-008G, Annual Fire Drill	Annual Refresher	5/1/2003	5/1/2003	N/A		0.50	Yes	Pass	Yes	
Brown	Hones	PERMA-FIX	SOP-009Ar2- Facility Safety and Security	Procedure Implementation	5/12/2003	5/12/2003	N/A		0.50	Yes	Pass	Yes	
Brown	Hones	PERMA-FIX	Chemotherapy Waste Proc. "Classroom"	Proper method of process	6/11/2003	6/11/2003	N/A		0.25	Yes	Pass	Yes	
Brown	Hones	PERMA-FIX	Chemotherapy Waste Proc. "Hands On"	Method demo	6/11/2003	6/11/2003	N/A		0.75	Yes	Pass	Yes	
Brown	Hones	PERMA-FIX	Mercury Lamp, Handling and Processing	Awareness Training	6/24/2003	6/24/2003	N/A		0.40	Yes	Pass	Yes	
Brown	Hones	PERMA-FIX	MP2 W/O Usage - Corrective Action	INCR Corrective Action	8/14/2003	8/14/2003	N/A		0.50	Yes	Pass	Yes	
Total									12.40	0.00			

Employee Code CaulB

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Caul	Brandon	PERMA-FIX	RCRA 8 Hour Refresher	Annual Refresher	2/28/2003	2/28/2003	N/A		8.00	Yes	Pass	Yes	
Caul	Brandon	PERMA-FIX	Incident Report IR-030603-001	Corrective Action	3/10/2003	3/10/2003	N/A		0.50	Yes	Pass	Yes	
Caul	Brandon	PERMA-FIX	Annual Respirator Fit Test	Qualitative Fit	3/18/2003	3/18/2003	3M	3/18/2004	0.50	Yes	Pass	Yes	
Caul	Brandon	PERMA-FIX	SOP-007C, Personal Protective Equipment	Procedure Implementation	3/24/2003	3/24/2003	N/A		0.50	Yes	Pass	Yes	
Caul	Brandon	PERMA-FIX	SOP-009Ar2- Facility Safety and Security	Procedure Implementation	5/12/2003	5/12/2003	N/A		0.50	Yes	Pass	Yes	
Caul	Brandon	PERMA-FIX	MP2 W/O Usage - Corrective Action	INCR Corrective Action	8/12/2003	8/12/2003	N/A		0.60	Yes	Pass	Yes	
Caul	Brandon	PERMA-FIX	Employee Terminated, No further entries		8/25/2003	8/25/2003				No			No
Total									10.60	0.00			

Employee Code DavisM

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Davis	Mike	PERMA-FIX	SOP-014S, Chemical Hygiene Plan	Procedure Implementation	1/9/2003	1/9/2003	N/A		0.50	Yes	Pass	Yes	
Davis	Mike	PERMA-FIX	Support Technician -Rad Checklist	NCR Corrective Action	2/18/2003	2/18/2003	N/A		0.50	Yes	Pass	Yes	
Davis	Mike	PERMA-FIX	RCRA 8 Hour Refresher	Annual Refresher	3/7/2003	3/7/2003	N/A		8.00	Yes	Pass	Yes	
Davis	Mike	PERMA-FIX	Annual Respirator Fit Test	Qualitative Fit	3/20/2003	3/20/2003	3M	3/20/2004	0.50	Yes	Pass	Yes	
Davis	Mike	PERMA-FIX	SOP-008G, Annual Fire Drill	Annual Refresher	5/1/2003	5/1/2003	N/A		0.50	Yes	Pass	Yes	
Davis	Mike	PERMA-FIX	SOP-009Ar2- Facility Safety and Security	Procedure Implementation	5/14/2003	5/14/2003	N/A		0.50	Yes	Pass	Yes	
Davis	Mike	PERMA-FIX	Training, EQ, SOP-006Er1, AECs Sys. Op	SOP Update	6/12/2003	6/12/2003	N/A		0.50	Yes	Pass	Yes	
Davis	Mike	PERMA-FIX	MP2 W/O Usage - Corrective Action	INCR Corrective Action	8/26/2003	8/26/2003	N/A		0.50	Yes	Pass	Yes	
Total									11.50	0.00			

Employee Code DoddD

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
dodd	Danny	PERMA-FIX	RCRA 8 Hour Refresher	Annual Refresher	2/14/2003	2/14/2003	N/A		8.00	Yes	Pass	Yes	
dodd	Danny	PERMA-FIX	Annual Respirator Fit Test	Qualitative Fit	3/20/2003	3/20/2003	3M	3/20/2004	0.50	Yes	Pass	Yes	
dodd	Danny	PERMA-FIX	SOP-007C, Personal Protective Equipment	Procedure Implementation	3/20/2003	3/20/2003	N/A		0.50	Yes	Pass	Yes	
dodd	Danny	PERMA-FIX	SOP-008G, Annual Fire Drill	Annual Refresher	5/1/2003	5/1/2003	N/A		0.50	Yes	Pass	Yes	
dodd	Danny	PERMA-FIX	SOP-009Ar2- Facility Safety and Security	Procedure Implementation	5/12/2003	5/12/2003	N/A		0.50	Yes	Pass	Yes	
dodd	Danny	PERMA-FIX	SOP-018Q-r0 V&V of Software	Procedure Implementation	5/30/2003	5/30/2003	N/A		0.50	Yes	Pass	Yes	
dodd	Danny	PERMA-FIX	Training, EQ, SOP-006Er1, AECs Sys. Op	SOP Update	6/12/2003	6/12/2003	N/A		0.50	Yes	Pass	Yes	
dodd	Danny	PERMA-FIX	SOP-004Q-r2, Cntrl and Dist. of Document	Procedural Update	6/23/2003	6/23/2003	N/A		0.50	Yes	Pass	Yes	
dodd	Danny	PERMA-FIX	SOP-201CL-r2, Samp-Analysis, A/S M/W	Procedure Implementation	8/6/2003	8/6/2003	N/A		1.20	Yes	Pass	Yes	
dodd	Danny	PERMA-FIX	SOP-202CL-r1, Samp-Analysis, Treated H	Procedure Implementation	8/6/2003	8/6/2003	N/A		0.50	Yes	Pass	Yes	
dodd	Danny	PERMA-FIX	MP2 W/O Usage - Corrective Action	INCR Corrective Action	8/12/2003	8/12/2003	N/A		0.60	Yes	Pass	Yes	
dodd	Danny	PERMA-FIX	Container Labeling	INCR Corrective Action	8/13/2003	8/13/2003	N/A		0.25	Yes	Pass	Yes	
Total									14.05	0.00			

Douglas	Phyllis	PERMA-FIX	SOP-005Ar2- Facility Safety and Security	Procedure Implementation	5/1/2003	5/1/2003	N/A		0.50	Yes	Pass	Yes
Douglas	Phyllis	PERMA-FIX	SOP-0170-r0, Receipt Acknowledgments	Procedure Implementation	5/1/2003	5/1/2003	N/A		0.50	Yes	Pass	Yes
Total									1.50	0.00		

Employee Code FisherE

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Fisher	Earl	PERMA-FIX	RCRA 8 Hour Refresher	Annual Refresher	3/7/2003	3/7/2003	N/A		8.00	Yes	Pass	Yes	
Fisher	Earl	PERMA-FIX	Annual Respirator Fit Test	Qualitative Fit	4/17/2003	4/17/2003	3M	4/17/2004	0.50	Yes	Pass	Yes	
Fisher	Earl	PERMA-FIX	SOP-008G, Annual Fire Drill	Annual Refresher	5/1/2003	5/1/2003	N/A		0.50	Yes	Pass	Yes	
Fisher	Earl	PERMA-FIX	SOP-009Ar2- Facility Safety and Security	Procedure Implementation	5/14/2003	5/14/2003	N/A		0.50	Yes	Pass	Yes	
Total									9.50	0.00			

Employee Code GainousM

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Gainous	Margaret	PERMA-FIX	SOP-008G, Annual Fire Drill	Annual Refresher	5/1/2003	5/1/2003	N/A		0.50	Yes	Pass	Yes	
Gainous	Margaret	PERMA-FIX	SOP-009Ar2- Facility Safety and Security	Procedure Implementation	5/14/2003	5/14/2003	N/A		0.50	Yes	Pass	Yes	
Total									1.00	0.00			

Employee Code GainousP

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Gainous	Phillip	PERMA-FIX	RCRA 8 Hour Refresher	Annual Refresher	2/21/2003	2/21/2003	N/A		8.00	Yes	Pass	Yes	
Gainous	Phillip	PERMA-FIX	Annual Respirator Fit Test	Qualitative Fit	3/7/2003	3/7/2003	3M	4/7/2004	0.50	Yes	Pass	Yes	
Gainous	Phillip	PERMA-FIX	SOP-008G, Annual Fire Drill	Annual Refresher	5/1/2003	5/1/2003	N/A		0.50	Yes	Pass	Yes	
Gainous	Phillip	PERMA-FIX	SOP-009Ar2- Facility Safety and Security	Procedure Implementation	5/12/2003	5/12/2003	N/A		0.50	Yes	Pass	Yes	
Gainous	Phillip	PERMA-FIX	SOP-201CL-r2, Samp-Analysis, A/S M/W	Procedure Implementation	8/6/2003	8/6/2003	N/A		1.20	Yes	Pass	Yes	
Gainous	Phillip	PERMA-FIX	SOP-202CL-r1, Samp-Analysis, Treated H	Procedure Implementation	8/6/2003	8/6/2003	N/A		0.50	Yes	Pass	Yes	
Gainous	Phillip	PERMA-FIX	MP2 W/O Usage - Corrective Action	INCR Corrective Action	8/12/2003	8/12/2003	N/A		0.60	Yes	Pass	Yes	
Total									11.80	0.00			

Employee Code GardnerD

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Gardner	David	PERMA-FIX	SOP-014S, Chemical Hygiene Plan	Procedure Implementation	1/7/2003	1/7/2003	N/A		0.50	Yes	Pass	Yes	
Gardner	David	PERMA-FIX	RCRA 8 Hour Refresher	Annual Refresher	3/7/2003	3/7/2003	N/A		8.00	Yes	Pass	Yes	
Gardner	David	PERMA-FIX	Annual Respirator Fit Test	Qualitative Fit	3/18/2003	3/18/2003	3M	3/18/2004	0.50	Yes	Pass	Yes	
Gardner	David	PERMA-FIX	SOP-008G, Annual Fire Drill	Annual Refresher	5/1/2003	5/1/2003	N/A		0.50	Yes	Pass	Yes	
Gardner	David	PERMA-FIX	SOP-009Ar2- Facility Safety and Security	Procedure Implementation	5/12/2003	5/12/2003	N/A		0.50	Yes	Pass	Yes	
Gardner	David	PERMA-FIX	SOP-201CL-r2, Cntrl and Dist. of Document	Procedural Update	6/23/2003	6/23/2003	N/A		0.50	Yes	Pass	Yes	
Gardner	David	PERMA-FIX	SOP-201CL-r2, Samp-Analysis, A/S M/W	Procedure Implementation	8/6/2003	8/6/2003	N/A		1.20	Yes	Pass	Yes	
Gardner	David	PERMA-FIX	SOP-202CL-r1, Samp-Analysis, Treated H	Procedure Implementation	8/6/2003	8/6/2003	N/A		0.50	Yes	Pass	Yes	
Gardner	David	PERMA-FIX	MP2 W/O Usage - Corrective Action	INCR Corrective Action	8/11/2003	8/11/2003	N/A		1.25	Yes	Pass	Yes	
Total									13.45	0.00			

Employee Code GordonC

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Gordon	Carl	PERMA-FIX	RCRA 8 Hour Refresher	Annual Refresher	2/14/2003	2/14/2003	N/A		8.00	Yes	Pass	Yes	
Gordon	Carl	PERMA-FIX	Incident Report IR-030603-001	Corrective Action	3/10/2003	3/10/2003	N/A		0.50	Yes	Pass	Yes	
Gordon	Carl	PERMA-FIX	Annual Respirator Fit Test	Qualitative Fit	3/20/2003	3/20/2003	3M	3/20/2004	0.50	Yes	Pass	Yes	
Gordon	Carl	PERMA-FIX	SOP-007C, Personal Protective Equipment	Procedure Implementation	3/20/2003	3/20/2003	N/A		0.50	Yes	Pass	Yes	
Gordon	Carl	PERMA-FIX	SOP-008G, Annual Fire Drill	Annual Refresher	5/1/2003	5/1/2003	N/A		0.50	Yes	Pass	Yes	
Gordon	Carl	PERMA-FIX	SOP-009Ar2- Facility Safety and Security	Procedure Implementation	5/12/2003	5/12/2003	N/A		0.50	Yes	Pass	Yes	
Gordon	Carl	PERMA-FIX	MP2 W/O Usage - Corrective Action	NCR Corrective Action	8/26/2003	8/26/2003	N/A		0.50	Yes	Pass	Yes	
Total									11.00	0.00			

Employee Code GreenD

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Green	Doug	PERMA-FIX	RCRA 8 Hour Refresher	Annual Refresher	3/14/2003	3/14/2003	N/A		8.00	Yes	Pass	Yes	
Green	Doug	PERMA-FIX	SOP-007C, Personal Protective Equipment	Procedure Implementation	3/20/2003	3/20/2003	N/A		0.50	Yes	Pass	Yes	
Green	Doug	PERMA-FIX	Annual Respirator Fit Test	Qualitative Fit	4/2/2003	4/2/2003	3M	4/2/2004	0.50	Yes	Pass	Yes	
Green	Doug	PERMA-FIX	SOP-008G, Annual Fire Drill	Annual Refresher	5/1/2003	5/1/2003	N/A		0.50	Yes	Pass	Yes	
Green	Doug	PERMA-FIX	SOP-009Ar2- Facility Safety and Security	Procedure Implementation	5/12/2003	5/12/2003	N/A		0.50	Yes	Pass	Yes	
Green	Doug	PERMA-FIX	Mercury Lamp, Handling and Processing	Awareness Training	6/24/2003	6/24/2003	N/A		0.40	Yes	Pass	Yes	
Green	Doug	PERMA-FIX	SOP-201CL-r2, Samp-Analysis, A/S M/W	Procedure Implementation	8/6/2003	8/6/2003	N/A		1.20	Yes	Pass	Yes	
Green	Doug	PERMA-FIX	SOP-202CL-r1, Samp-Analysis, Treated H	Procedure Implementation	8/6/2003	8/6/2003	N/A		0.50	Yes	Pass	Yes	
Green	Doug	PERMA-FIX	MP2 W/O Usage - Corrective Action	NCR Corrective Action	8/14/2003	8/14/2003	N/A		0.50	Yes	Pass	Yes	
Total									12.60	0.00			

Employee Code GreenJ

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Green	Jerry	PERMA-FIX	RCRA 8 Hour Refresher	Annual Refresher	2/14/2003	2/14/2003	N/A		8.00	Yes	Pass	Yes	
Green	Jerry	PERMA-FIX	Annual Respirator Fit Test	Qualitative Fit	3/17/2003	3/17/2003	3M	3/17/2004	0.50	Yes	Pass	Yes	
Green	Jerry	PERMA-FIX	SOP-007C, Personal Protective Equipment	Procedure Implementation	3/20/2003	3/20/2003	N/A		0.50	Yes	Pass	Yes	
Green	Jerry	PERMA-FIX	SOP-008G, Annual Fire Drill	Annual Refresher	5/1/2003	5/1/2003	N/A		0.50	Yes	Pass	Yes	
Green	Jerry	PERMA-FIX	SOP-009Ar2- Facility Safety and Security	Procedure Implementation	5/12/2003	5/12/2003	N/A		0.50	Yes	Pass	Yes	
Green	Jerry	PERMA-FIX	Chemotherapy Waste Proc. "Classroom"	Proper method of process	6/11/2003	6/11/2003	N/A		0.25	Yes	Pass	Yes	
Green	Jerry	PERMA-FIX	Chemotherapy Waste Proc. "Hands On"	Method demo	6/11/2003	6/11/2003	N/A		0.75	Yes	Pass	Yes	
Green	Jerry	PERMA-FIX	Mercury Lamp, Handling and Processing	Awareness Training	6/24/2003	6/24/2003	N/A		0.40	Yes	Pass	Yes	
Green	Jerry	PERMA-FIX	MP2 W/O Usage - Corrective Action	NCR Corrective Action	8/14/2003	8/14/2003	N/A		0.50	Yes	Pass	Yes	
Total									11.90	0.00			

Employee Code HannahT

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Hannah	Tom	PERMA-FIX	SOP-021C, Profile Review and Approval	Procedure Implementation	2/26/2003	2/26/2003	N/A		0.40	Yes	Pass	Yes	
Hannah	Tom	PERMA-FIX	RCRA 8 Hour Refresher	Annual Refresher	3/7/2003	3/7/2003	N/A		8.00	Yes	Pass	Yes	
Hannah	Tom	PERMA-FIX	Annual Respirator Fit Test	Qualitative Fit	4/14/2003	4/14/2003	3M	4/14/2004	0.50	Yes	Pass	Yes	
Hannah	Tom	PERMA-FIX	SOP-008G, Annual Fire Drill	Annual Refresher	5/1/2003	5/1/2003	N/A		0.50	Yes	Pass	Yes	
Hannah	Tom	PERMA-FIX	Transportation Specialist 1	Departmental Awareness	5/1/2003	5/1/2003	N/A		0.25	Yes	Pass	Yes	
Hannah	Tom	PERMA-FIX	SOP-009Ar2- Facility Safety and Security	Procedure Implementation	5/12/2003	5/12/2003	N/A		0.50	Yes	Pass	Yes	
Hannah	Tom	PERMA-FIX	SOP-018Q-r0 V&V of Software	Procedure Implementation	5/15/2003	5/15/2003	N/A		0.75	Yes	Pass	Yes	
Hannah	Tom	PERMA-FIX	Advanced Mixed Waste Shipper Training	49 CFR, Part 172, Subpart H	7/28/2003	7/28/2003	Phil S. Rieke	7/31/2006	32.00	Yes	Pass	Yes	
Hannah	Tom	PERMA-FIX	SOP-201CL, Samp-Analysis, A/R Mix Was	Procedure Implementation	19/11/2003	19/11/2003	N/A		1.00	Yes	Pass	Yes	
Hannah	Tom	PERMA-FIX	SOP-202CL, Samp-Analysis, A/T Haz Was	Procedure Implementation	19/11/2003	19/11/2003	N/A		1.00	Yes	Pass	Yes	
Total									44.90	0.00			

Employee Code HeltonC

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Helton	Captain	PERMA-FIX	Forklift Operator Training - Remedial	NCR Corrective action	2/11/2003	2/11/2003	N/A		0.60	Yes	Pass	Yes	
Helton	Captain	PERMA-FIX	RCRA 8 Hour Refresher	Annual Refresher	3/7/2003	3/7/2003	N/A		8.00	Yes	Pass	Yes	
Helton	Captain	PERMA-FIX	Annual Respirator Fit Test	Qualitative Fit	4/2/2003	4/2/2003	3M	4/2/2004	0.50	Yes	Pass	Yes	
Helton	Captain	PERMA-FIX	SOP-008G, Annual Fire Drill	Annual Refresher	5/1/2003	5/1/2003	N/A		0.50	Yes	Pass	Yes	
Helton	Captain	PERMA-FIX	Transportation Specialist 1	Departmental Awareness	5/1/2003	5/1/2003	N/A		0.25	Yes	Pass	Yes	

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Helton	Captain	PERMA-FIX	Chemotherapy Waste Proc. "Classroom"	Proper method of process	6/11/2003	6/11/2003	N/A		0.75		Yes	Pass	Yes
Helton	Captain	PERMA-FIX	Mercury Lamp, Handling and Processing	Awareness Training	6/25/2003	6/25/2003	N/A		0.25		Yes	Pass	Yes
Helton	Captain	PERMA-FIX	SOP-201CL-r2, Samp-Analysis, A/S M/W	Procedure Implementation	8/6/2003	8/6/2003	N/A		1.20		Yes	Pass	Yes
Helton	Captain	PERMA-FIX	MP2 W/O Usage - Corrective Action	NCR Corrective Action	8/14/2003	8/14/2003	N/A		0.50		Yes	Pass	Yes
Helton	Captain	PERMA-FIX	SOP-202CL, Samp-Analysis, A/T Haz Was	Procedure Implementation	9/11/2003	9/11/2003	N/A		1.00		Yes	Pass	Yes
Total									14.30	0.00			

Employee Code JonesN

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Jones	Nat	PERMA-FIX	SOP-014S, Chemical Hygiene Plan	Procedure Implementation	1/9/2003	1/9/2003	N/A		0.50		Yes	Pass	Yes
Jones	Nat	PERMA-FIX	Support Technician -Rad Checklist	NCR Corrective Action	2/18/2003	2/18/2003	N/A		0.50		Yes	Pass	Yes
Jones	Nat	PERMA-FIX	RCRA 8 Hour Refresher	Annual Refresher	2/21/2003	2/21/2003	N/A		8.00		Yes	Pass	Yes
Jones	Nat	PERMA-FIX	Annual Respirator Fit Test	Qualitative Fit	3/20/2003	3/20/2003	3M	3/20/2004	0.50		Yes	Pass	Yes
Jones	Nat	PERMA-FIX	SOP-008G, Annual Fire Drill	Annual Refresher	5/1/2003	5/1/2003	N/A		0.50		Yes	Pass	Yes
Jones	Nat	PERMA-FIX	SOP-009Ar2- Facility Safety and Security	Procedure Implementation	5/12/2003	5/12/2003	N/A		0.50		Yes	Pass	Yes
Jones	Nat	PERMA-FIX	Training, EQ, SOP-006Er1, AECS Sys. Op	SOP Update	6/12/2003	6/12/2003	N/A		0.50		Yes	Pass	Yes
Jones	Nat	PERMA-FIX	MP2 W/O Usage - Corrective Action	NCR Corrective Action	8/26/2003	8/26/2003	N/A		0.50		Yes	Pass	Yes
Jones	Nat	PERMA-FIX	SOP-RL02-Analysis of Gamma Rad./Envir	Procedure Implementation	9/12/2003	9/12/2003	N/A		0.75		Yes	Pass	Yes
Total									12.25	0.00			

Employee Code JusticeK

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Justice	Ken	PERMA-FIX	SOP-014S, Chemical Hygiene Plan	Procedure Implementation	1/7/2003	1/7/2003	N/A		0.50		Yes	Pass	Yes
Justice	Ken	PERMA-FIX	RCRA 8 Hour Refresher	Annual Refresher	3/7/2003	3/7/2003	N/A		8.00		Yes	Pass	Yes
Justice	Ken	PERMA-FIX	Annual Respirator Fit Test	Qualitative Fit	3/18/2003	3/18/2003	3M	3/18/2004	0.50		Yes	Pass	Yes
Justice	Ken	PERMA-FIX	SOP-008G, Annual Fire Drill	Annual Refresher	5/1/2003	5/1/2003	N/A		0.50		Yes	Pass	Yes
Justice	Ken	PERMA-FIX	SOP-009Ar2- Facility Safety and Security	Procedure Implementation	5/20/2003	5/20/2003	N/A		0.50		Yes	Pass	Yes
Justice	Ken	PERMA-FIX	Lead Auditor Certification Oral Test	Audit Skill Evaluation	5/21/2003	5/21/2003	Perma-Fix QAP	5/21/2004	1.00		Yes	Pass	Yes
Justice	Ken	PERMA-FIX	SOP-007Q Qual. of QA Audit/Surv. psnnel	Procedure Implementation	5/21/2003	5/21/2003	Perma-Fix QAP	5/21/2004	0.50		Yes	Pass	Yes
Justice	Ken	PERMA-FIX	MP2 W/O Usage - Corrective Action	NCR Corrective Action	8/11/2003	8/11/2003	N/A		1.25		Yes	Pass	Yes
Total									12.75	0.00			

Employee Code MasonC

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Mason	Charles	PERMA-FIX	SOP-014S, Chemical Hygiene Plan	Procedure Implementation	1/9/2003	1/9/2003	N/A		0.50		Yes	Pass	Yes
Mason	Charles	PERMA-FIX	Support Technician -Rad Checklist	NCR Corrective Action	2/18/2003	2/18/2003	N/A		0.50		Yes	Pass	Yes
Mason	Charles	PERMA-FIX	RCRA 8 Hour Refresher	Annual Refresher	2/28/2003	2/28/2003	N/A		8.00		Yes	Pass	Yes
Mason	Charles	PERMA-FIX	Annual Respirator Fit Test	Qualitative Fit	3/18/2003	3/18/2003	3M	3/18/2004	0.50		Yes	Pass	Yes
Mason	Charles	PERMA-FIX	SOP-007C, Personal Protective Equipment	Procedure Implementation	3/24/2003	3/24/2003	N/A		0.50		Yes	Pass	Yes
Mason	Charles	PERMA-FIX	SOP-009Ar2- Facility Safety and Security	Procedure Implementation	5/12/2003	5/12/2003	N/A		0.50		Yes	Pass	Yes
Mason	Charles	PERMA-FIX	Training, EQ, SOP-006Er1, AECS Sys. Op	SOP Update	6/12/2003	6/12/2003	N/A		0.50		Yes	Pass	Yes
Mason	Charles	PERMA-FIX	MP2 W/O Usage - Corrective Action	NCR Corrective Action	8/26/2003	8/26/2003	N/A		0.50		Yes	Pass	Yes
Mason	Charles	PERMA-FIX	SOP-RL02-Analysis of Gamma Rad./Envir	Procedure Implementation	9/12/2003	9/12/2003	N/A		0.75		Yes	Pass	Yes
Total									12.25	0.00			

Employee Code NixJ

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Nix	Jason	PERMA-FIX	RCRA 8 Hour Refresher	Annual Refresher	2/21/2003	2/21/2003	N/A		8.00		Yes	Pass	Yes
Nix	Jason	PERMA-FIX	Annual Respirator Fit Test	Qualitative Fit	3/19/2003	3/19/2003	3M	3/19/2004	0.50		Yes	Pass	Yes
Nix	Jason	PERMA-FIX	SOP-007C, Personal Protective Equipment	Procedure Implementation	3/20/2003	3/20/2003	N/A		0.50		Yes	Pass	Yes
Nix	Jason	PERMA-FIX	SOP-008G, Annual Fire Drill	Annual Refresher	5/1/2003	5/1/2003	N/A		0.50		Yes	Pass	Yes
Nix	Jason	PERMA-FIX	SOP-009Ar2- Facility Safety and Security	Procedure Implementation	5/12/2003	5/12/2003	N/A		0.50		Yes	Pass	Yes
Nix	Jason	PERMA-FIX	Chemotherapy Waste Proc. "Classroom"	Proper method of process	6/11/2003	6/11/2003	N/A		0.25		Yes	Pass	Yes
Nix	Jason	PERMA-FIX	Chemotherapy Waste Proc. "Hands On"	Method demo	6/11/2003	6/11/2003	N/A		0.75		Yes	Pass	Yes
Nix	Jason	PERMA-FIX	Mercury Lamp, Handling and Processing	Awareness Training	6/24/2003	6/24/2003	N/A		0.40		Yes	Pass	Yes
Nix	Jason	PERMA-FIX	MP2 W/O Usage - Corrective Action	NCR Corrective Action	8/14/2003	8/14/2003	N/A		0.50		Yes	Pass	Yes
Total									11.90	0.00			

Employee Code OwensA

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Owens	Andy	PERMA-FIX	2071, Querying SQL Server	Computer Skill Training	2/17/2003	2/19/2003	N/A		24.00		Yes	Pass	Yes
Owens	Andy	PERMA-FIX	RCRA 8 Hour Refresher	Annual Refresher	3/14/2003	3/14/2003	N/A		8.00		Yes	Pass	Yes
Owens	Andy	PERMA-FIX	SOP-008G, Annual Fire Drill	Annual Refresher	5/1/2003	5/1/2003	N/A		0.50		Yes	Pass	Yes
Owens	Andy	PERMA-FIX	SOP-009Ar2- Facility Safety and Security	Procedure Implementation	5/12/2003	5/12/2003	N/A		0.50		Yes	Pass	Yes
Owens	Andy	PERMA-FIX	2072, Administering SQL 2000 Database	Computer Skills Training	6/2/2003	6/6/2003	N/A		40.00		Yes	Pass	Yes
Owens	Andy	PERMA-FIX	Training, EQ, SOP-006Er1, AECS Sys. Op	SOP Update	6/12/2003	6/12/2003	N/A		0.50		Yes	Pass	Yes
Owens	Andy	PERMA-FIX	Annual Respirator Fit Test	Qualitative Fit	6/18/2003	6/18/2003	3M	6/18/2004	0.50		Yes	Pass	Yes
Owens	Andy	PERMA-FIX	2152, Administration Win 2000 Server	Computer Skills Training	7/28/2003	8/1/2003	N/A		40.00		Yes	Pass	Yes
Owens	Andy	PERMA-FIX	SOP-201CL-r2, Samp-Analysis, A/S M/W	Procedure Implementation	8/6/2003	8/6/2003	N/A		1.20		Yes	Pass	Yes
Owens	Andy	PERMA-FIX	SOP-202CL-r1, Samp-Analysis, Treated H	Procedure Implementation	8/6/2003	8/6/2003	N/A		0.50		Yes	Pass	Yes
Total									115.70	0.00			

Employee Code OwensM

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Owens	Mike	PERMA-FIX	RCRA 8 Hour Refresher	Annual Refresher	3/7/2003	3/7/2003	N/A		8.00		Yes	Pass	Yes
Owens	Mike	PERMA-FIX	Annual Respirator Fit Test	Qualitative Fit	3/19/2003	3/19/2003	3M	3/19/2004	0.50		Yes	Pass	Yes
Owens	Mike	PERMA-FIX	SOP-008G, Annual Fire Drill	Annual Refresher	5/1/2003	5/1/2003	N/A		0.50		Yes	Pass	Yes
Owens	Mike	PERMA-FIX	SOP-009Ar2- Facility Safety and Security	Procedure Implementation	5/12/2003	5/12/2003	N/A		0.50		Yes	Pass	Yes
Owens	Mike	PERMA-FIX	Training, EQ, SOP-006Er1, AECS Sys. Op	SOP Update	6/12/2003	6/12/2003	N/A		0.50		Yes	Pass	Yes
Owens	Mike	PERMA-FIX	SOP-004Q-r2, Cntrl and Dist. of Document	Procedure Update	6/23/2003	6/23/2003	N/A		0.50		Yes	Pass	Yes
Total									10.50	0.00			

Employee Code PanD

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Pan	David	PERMA-FIX	SOP-014S, Chemical Hygiene Plan	Procedure Implementation	1/9/2003	1/9/2003	N/A		0.50		Yes	Pass	Yes
Pan	David	PERMA-FIX	RCRA 8 Hour Refresher	Annual Refresher	2/21/2003	2/21/2003	N/A		8.00		Yes	Pass	Yes
Pan	David	PERMA-FIX	SOP-021C, Profile Review and Approval	Procedure Implementation	2/26/2003	2/26/2003	N/A		0.40		Yes	Pass	Yes
Pan	David	PERMA-FIX	SOP-007C, Personal Protective Equipment	Procedure Implementation	3/20/2003	3/20/2003	N/A		0.50		Yes	Pass	Yes
Pan	David	PERMA-FIX	Annual Respirator Fit Test	Qualitative Fit	4/21/2003	4/21/2003	3M	4/21/2004	0.50		Yes	Pass	Yes
Pan	David	PERMA-FIX	SOP-008G, Annual Fire Drill	Annual Refresher	5/1/2003	5/1/2003	N/A		0.50		Yes	Pass	Yes
Pan	David	PERMA-FIX	SOP-009Ar2- Facility Safety and Security	Procedure Implementation	5/12/2003	5/12/2003	N/A		0.50		Yes	Pass	Yes
Pan	David	PERMA-FIX	SOP-018Q-r0 V&V of Software	Procedure Implementation	5/15/2003	5/15/2003	N/A		0.75		Yes	Pass	Yes
Pan	David	PERMA-FIX	Training, EQ, SOP-006Er1, AECS Sys. Op	SOP Update	6/12/2003	6/12/2003	N/A		0.50		Yes	Pass	Yes
Pan	David	PERMA-FIX	SOP-017Q-r0, Receipt Acknowledgments	Procedure Implementation	6/17/2003	6/17/2003	N/A		0.50		Yes	Pass	Yes
Pan	David	PERMA-FIX	SOP-004Q-r2, Cntrl and Dist. of Document	Procedural Update	6/23/2003	6/23/2003	N/A		0.50		Yes	Pass	Yes
Pan	David	PERMA-FIX	SOP-201CL-r2, Samp-Analysis, A/S M/W	Procedure Implementation	8/6/2003	8/6/2003	N/A		1.20		Yes	Pass	Yes
Pan	David	PERMA-FIX	SOP-202CL-r1, Samp-Analysis, Treated H	Procedure Implementation	8/6/2003	8/6/2003	N/A		0.50		Yes	Pass	Yes
Total									14.85	0.00			

Potter	Jason	PERMA-FIX	SOP-007C, Personal Protective Equipment Procedure Implementation	Qualitative Fit	3/21/2003	3/20/2003	N/A		0.50	Yes	Pass	Yes
Potter	Jason	PERMA-FIX	Annual Respirator Fit Test	Qualitative Fit	4/22/2003	4/22/2003	3M	4/22/2004	0.50	Yes	Pass	Yes
Potter	Jason	PERMA-FIX	SOP-008G, Annual Fire Drill	Annual Refresher	5/1/2003	5/1/2003	N/A		0.50	Yes	Pass	Yes
Potter	Jason	PERMA-FIX	Transportation Specialist 1	Departmental Awareness	5/1/2003	5/1/2003	N/A		0.25	Yes	Pass	Yes
Potter	Jason	PERMA-FIX	SOP-009A2- Facility Safety and Security	Procedure Implementation	5/12/2003	5/12/2003	N/A		0.50	Yes	Pass	Yes
Potter	Jason	PERMA-FIX	SOP-018Q-r0 V&V of Software	Procedure Implementation	5/15/2003	5/15/2003	N/A		0.75	Yes	Pass	Yes
Potter	Jason	PERMA-FIX	SOP-017Q-r0, Receipt Acknowledgments	Procedure Implementation	6/17/2003	6/17/2003	N/A		0.50	Yes	Pass	Yes
Potter	Jason	PERMA-FIX	SOP-201CL-r2, Samp-Analysis, A/S M/W	Procedure Implementation	8/6/2003	8/6/2003	N/A		1.20	Yes	Pass	Yes
Potter	Jason	PERMA-FIX	SOP-202CL-r1, Samp-Analysis, Treated H	Procedure Implementation	8/6/2003	8/6/2003	N/A		0.50	Yes	Pass	Yes
Potter	Jason	PERMA-FIX	MP2 W/O Usage - Corrective Action	NCR Corrective Action	8/14/2003	8/14/2003	N/A		0.50	Yes	Pass	Yes
Total									13.70	0.00		

Employee Code PotterJu

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Potter	Justin	PERMA-FIX	RCRA 8 Hour Refresher	Annual Refresher	2/28/2003	2/28/2003	N/A		8.00		Yes	Pass	Yes
Potter	Justin	PERMA-FIX	Incident Report IR-030603-001	Corrective Action	3/10/2003	3/10/2003	N/A		0.50		Yes	Pass	Yes
Potter	Justin	PERMA-FIX	Annual Respirator Fit Test	Qualitative Fit	3/18/2003	3/18/2003	3M	3/18/2004	0.50		Yes	Pass	Yes
Potter	Justin	PERMA-FIX	SOP-007C, Personal Protective Equipment	Procedure Implementation	3/24/2003	3/24/2003	N/A		0.50		Yes	Pass	Yes
Potter	Justin	PERMA-FIX	SOP-009A2- Facility Safety and Security	Procedure Implementation	5/12/2003	5/12/2003	N/A		0.50		Yes	Pass	Yes
Potter	Justin	PERMA-FIX	Mercury Lamp, Handling and Processing	Awareness Training	6/24/2003	6/24/2003	N/A		0.40		Yes	Pass	Yes
Potter	Justin	PERMA-FIX	MP2 W/O Usage - Corrective Action	NCR Corrective Action	8/12/2003	8/12/2003	N/A		0.60		Yes	Pass	Yes
Potter	Justin	PERMA-FIX	Container Labeling	NCR Corrective Action	8/13/2003	8/13/2003	N/A		0.25		Yes	Pass	Yes
Total									11.25	0.00			

Employee Code RossR

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Ross	Rick	PERMA-FIX	RCRA 8 Hour Refresher	Annual Refresher	3/7/2003	3/7/2003	N/A		8.00		Yes	Pass	Yes
Ross	Rick	PERMA-FIX	Annual Respirator Fit Test	Qualitative Fit	4/2/2003	4/2/2003	3M	4/2/2004	0.50		Yes	Pass	Yes
Ross	Rick	PERMA-FIX	SOP-008G, Annual Fire Drill	Annual Refresher	5/1/2003	5/1/2003	N/A		0.50		Yes	Pass	Yes
Ross	Rick	PERMA-FIX	SOP-009A2- Facility Safety and Security	Procedure Implementation	5/12/2003	5/12/2003	N/A		0.50		Yes	Pass	Yes
Ross	Rick	PERMA-FIX	SOP-201CL-r2, Samp-Analysis, A/S M/W	Procedure Implementation	8/6/2003	8/6/2003	N/A		1.20		Yes	Pass	Yes
Ross	Rick	PERMA-FIX	SOP-202CL-r1, Samp-Analysis, Treated H	Procedure Implementation	8/6/2003	8/6/2003	N/A		0.50		Yes	Pass	Yes
Ross	Rick	PERMA-FIX	MP2 W/O Usage - Corrective Action	NCR Corrective Action	8/14/2003	8/14/2003	N/A		0.50		Yes	Pass	Yes
Total									11.70	0.00			

Employee Code SelfJ

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Self	Jimmie	PERMA-FIX	SOP-014S, Chemical Hygiene Plan	Procedure Implementation	1/9/2003	1/9/2003	N/A		0.50		Yes	Pass	Yes
Self	Jimmie	PERMA-FIX	RCRA 8 Hour Refresher	Annual Refresher	2/21/2003	2/21/2003	N/A		8.00		Yes	Pass	Yes
Self	Jimmie	PERMA-FIX	Annual Respirator Fit Test	Qualitative Fit	3/18/2003	3/18/2003	3M	3/18/2004	0.50		Yes	Pass	Yes
Self	Jimmie	PERMA-FIX	SOP-008G, Annual Fire Drill	Annual Refresher	5/1/2003	5/1/2003	N/A		0.50		Yes	Pass	Yes
Self	Jimmie	PERMA-FIX	SOP-009A2- Facility Safety and Security	Procedure Implementation	5/20/2003	5/20/2003	N/A		0.50		Yes	Pass	Yes
Self	Jimmie	PERMA-FIX	SOP-201CL-r2, Samp-Analysis, A/S M/W	Procedure Implementation	8/6/2003	8/6/2003	N/A		1.20		Yes	Pass	Yes
Self	Jimmie	PERMA-FIX	SOP-202CL-r1, Samp-Analysis, Treated H	Procedure Implementation	8/6/2003	8/6/2003	N/A		0.50		Yes	Pass	Yes
Self	Jimmie	PERMA-FIX	MP2 W/O Usage - Corrective Action	NCR Corrective Action	8/11/2003	8/11/2003	N/A		1.25		Yes	Pass	Yes
Total									12.95	0.00			

Employee Code SelfR

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Self	Randy	PERMA-FIX	RCRA 8 Hour Refresher	Annual Refresher	3/7/2003	3/7/2003	N/A		8.00		Yes	Pass	Yes
Self	Randy	PERMA-FIX	SOP-007C, Personal Protective Equipment	Procedure Implementation	3/20/2003	3/20/2003	N/A		0.50		Yes	Pass	Yes
Self	Randy	PERMA-FIX	Annual Respirator Fit Test	Qualitative Fit	4/13/2003	4/13/2003	3M	4/13/2004	0.50		Yes	Pass	Yes
Self	Randy	PERMA-FIX	SOP-008G, Annual Fire Drill	Annual Refresher	5/1/2003	5/1/2003	N/A		0.50		Yes	Pass	Yes
Self	Randy	PERMA-FIX	SOP-018Q-r0 V&V of Software	Procedure Implementation	5/15/2003	5/15/2003	N/A		0.75		Yes	Pass	Yes
Self	Randy	PERMA-FIX	Training, EQ, SOP-006E1, AECS Sys. Op	SOP Update	6/12/2003	6/12/2003	N/A		0.50		Yes	Pass	Yes
Self	Randy	PERMA-FIX	SOP-004Q-r2, Cntrl and Dist. of Document	Procedural Revision	6/23/2003	6/23/2003	N/A		0.50		Yes	Pass	Yes
Self	Randy	PERMA-FIX	SOP-201CL-r2, Samp-Analysis, A/S M/W	Procedure Implementation	8/6/2003	8/6/2003	N/A		1.20		Yes	Pass	Yes
Self	Randy	PERMA-FIX	SOP-202CL-r1, Samp-Analysis, Treated H	Procedure Implementation	8/6/2003	8/6/2003	N/A		0.50		Yes	Pass	Yes
Total									12.95	0.00			

Employee Code ShineN

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Shine	Naomi	PERMA-FIX	SOP-019C, Contingency Plan	Procedure Implementation	3/24/2003	3/24/2003	N/A		0.25		Yes	Pass	Yes
Shine	Naomi	PERMA-FIX	SOP-008G, Annual Fire Drill	Annual Refresher	5/1/2003	5/1/2003	N/A		0.50		Yes	Pass	Yes
Shine	Naomi	PERMA-FIX	SOP-009A2- Facility Safety and Security	Procedure Implementation	5/14/2003	5/14/2003	N/A		0.50		Yes	Pass	Yes
Total									1.25	0.00			

Employee Code ShineR

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Shine	Ross	PERMA-FIX	RCRA 8 Hour Refresher	Annual Refresher	2/21/2003	2/21/2003	N/A		8.00		Yes	Pass	Yes
Shine	Ross	PERMA-FIX	Annual Respirator Fit Test	Qualitative Fit	3/20/2003	3/20/2003	3M	3/20/2004	0.50		Yes	Pass	Yes
Shine	Ross	PERMA-FIX	SOP-007C, Personal Protective Equipment	Procedure Implementation	3/20/2003	3/20/2003	N/A		0.50		Yes	Pass	Yes
Shine	Ross	PERMA-FIX	SOP-008G, Annual Fire Drill	Annual Refresher	5/1/2003	5/1/2003	N/A		0.50		Yes	Pass	Yes
Shine	Ross	PERMA-FIX	SOP-009A2- Facility Safety and Security	Procedure Implementation	5/12/2003	5/12/2003	N/A		0.50		Yes	Pass	Yes
Shine	Ross	PERMA-FIX	Lab Pack Decommissioning	Process Familiarization	5/21/2003	5/21/2003	N/A		5.25		Yes	Pass	Yes
Shine	Ross	PERMA-FIX	Employee Resigned, No further entries		6/17/2003	6/17/2003					No		No
Total									15.25	0.00			

Employee Code ShoemakerK

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Shoemaker	Ken	PERMA-FIX	SOP-008G, Annual Fire Drill	Annual Refresher	5/1/2003	5/1/2003	N/A		0.50		Yes	Pass	Yes
Shoemaker	Ken	PERMA-FIX	SOP-009A2- Facility Safety and Security	Procedure Implementation	5/12/2003	5/12/2003	N/A		0.50		Yes	Pass	Yes
Shoemaker	Ken	PERMA-FIX	Training, EQ, SOP-006E1, AECS Sys. Op	SOP Update	6/12/2003	6/12/2003	N/A		0.50		Yes	Pass	Yes
Shoemaker	Ken	PERMA-FIX	SOP-017Q-r0, Receipt Acknowledgments	Procedure Implementation	6/17/2003	6/17/2003	N/A		0.50		Yes	Pass	Yes
Shoemaker	Ken	PERMA-FIX	Annual Respirator Fit Test	Qualitative Fit	6/18/2003	6/18/2003	3M	6/18/2003	0.50		Yes	Pass	Yes
Shoemaker	Ken	PERMA-FIX	SOP-004Q-r2, Cntrl and Dist. of Document	Procedural Update	6/23/2003	6/23/2003	N/A		0.50		Yes	Pass	Yes
Shoemaker	Ken	PERMA-FIX	SOP-201CL-r2, Samp-Analysis, A/S M/W	Procedure Implementation	8/6/2003	8/6/2003	N/A		1.20		Yes	Pass	Yes
Total									4.20	0.00			

Employee Code SiernsS

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Sierns	Sue	PERMA-FIX	SOP-021C, Profile Review and Approval	Procedure Implementation	2/26/2003	2/26/2003	N/A		0.40		Yes	Pass	Yes
Sierns	Sue	PERMA-FIX	SOP-019C, Contingency Plan	Procedure Implementation	3/24/2003	3/24/2003	N/A		0.25		Yes	Pass	Yes
Sierns	Sue	PERMA-FIX	SOP-008G, Annual Fire Drill	Annual Refresher	5/1/2003	5/1/2003	N/A		0.50		Yes	Pass	Yes
Sierns	Sue	PERMA-FIX	SOP-009A2- Facility Safety and Security	Procedure Implementation	5/14/2003	5/14/2003	N/A		0.50		Yes	Pass	Yes
Total									1.65	0.00			

Employee Code SingletonD

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Singleton	Dwayne	PERMA-FIX	RCRA 8 Hour Refresher	Annual Refresher	3/14/2003	3/14/2003	N/A		8.00		Yes	Pass	Yes

Singleton	Dwayne	PERMA-FIX	SOP-009Ar2- Facility Safety and Security	Procedure Implementation	5/13/2003	5/13/2003	N/A		0.50	Yes	Pass	Yes
Singleton	Dwayne	PERMA-FIX	SOP-017Q-r0, Receipt Acknowledgments	Procedure Implementation	5/17/2003	6/17/2003	N/A		0.50	Yes	Pass	Yes
Singleton	Dwayne	PERMA-FIX	SOP-004Q-r2, Cntrl and Dist. of Documen	Procedure Update	6/23/2003	6/23/2003	N/A		0.50	Yes	Pass	Yes
Singleton	Dwayne	PERMA-FIX	Mercury Lamp, Handling and Processing	Awareness Training	6/24/2003	6/24/2003	N/A		0.40	Yes	Pass	Yes
Singleton	Dwayne	PERMA-FIX	SOP-201CL-r2, Samp-Analysis, A/S M/W	Procedure Implementation	8/6/2003	8/6/2003	N/A		1.20	Yes	Pass	Yes
Singleton	Dwayne	PERMA-FIX	MP2 W/O Usage - Corrective Action	NCR Corrective Action	8/14/2003	8/14/2003	N/A		0.50	Yes	Pass	Yes
Singleton	Dwayne	PERMA-FIX	SOP-202CL, Samp-Analysis, A/T Haz Was	Procedure Implementation	9/11/2003	9/11/2003	N/A		1.00	Yes	Pass	Yes
Total									13.60	0.00		

Employee Code SmithC

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Smith	Charles	PERMA-FIX	RCRA 8 Hour Refresher	Annual Refresher	2/14/2003	2/14/2003	N/A		8.00		Yes	Pass	Yes
Smith	Charles	PERMA-FIX	Incident Report IR-030603-001	Corrective Action	3/10/2003	3/10/2003	N/A		0.50		Yes	Pass	Yes
Smith	Charles	PERMA-FIX	Annual Respirator Fit Test	Qualitative Fit	3/19/2003	3/19/2003	3M		0.50		Yes	Pass	Yes
Smith	Charles	PERMA-FIX	SOP-007C, Personal Protective Equipment	Procedure Implementation	3/20/2003	3/20/2003	N/A		0.50		Yes	Pass	Yes
Smith	Charles	PERMA-FIX	SOP-008G, Annual Fire Drill	Annual Refresher	5/1/2003	5/1/2003	N/A		0.50		Yes	Pass	Yes
Smith	Charles	PERMA-FIX	SOP-009Ar2- Facility Safety and Security	Procedure Implementation	5/12/2003	5/12/2003	N/A		0.50		Yes	Pass	Yes
Smith	Charles	PERMA-FIX	Training, EQ, SOP-006Er1, AECSS Sys. Op	SOP Update	6/12/2003	6/12/2003	N/A		0.50		Yes	Pass	Yes
Smith	Charles	PERMA-FIX	SOP-201CL-r2, Samp-Analysis, A/S M/W	Procedure Implementation	8/6/2003	8/6/2003	N/A		1.20		Yes	Pass	Yes
Smith	Charles	PERMA-FIX	SOP-202CL-r1, Samp-Analysis, Treated H	Procedure Implementation	8/6/2003	8/6/2003	N/A		0.50		Yes	Pass	Yes
Smith	Charles	PERMA-FIX	MP2 W/O Usage - Corrective Action	NCR Corrective Action	8/12/2003	8/12/2003	N/A		0.60		Yes	Pass	Yes
Smith	Charles	PERMA-FIX	Container Labeling	NCR Corrective Action	8/13/2003	8/13/2003	N/A		0.25		Yes	Pass	Yes
Total									13.55	0.00			

Employee Code SmithD

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Smith	David	PERMA-FIX	RCRA 8 Hour Refresher	Annual Refresher	12/21/2003	2/21/2003	N/A		8.00		Yes	Pass	Yes
Smith	David	PERMA-FIX	Annual Respirator Fit Test	Qualitative Fit	3/19/2003	3/19/2003	3M	3/19/2004	0.50		Yes	Pass	Yes
Smith	David	PERMA-FIX	SOP-008G, Annual Fire Drill	Annual Refresher	5/1/2003	5/1/2003	N/A		0.50		Yes	Pass	Yes
Smith	David	PERMA-FIX	SOP-009Ar2- Facility Safety and Security	Procedure Implementation	5/12/2003	5/12/2003	N/A		0.50		Yes	Pass	Yes
Total									9.50	0.00			

Employee Code SmithR

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Smith	Ronnie	PERMA-FIX	Qualitative Respirator Fit Test	Proper Fit of Respirator	2/13/2003	2/13/2003	3M	2/13/2004	0.50		Yes	Pass	Yes
Smith	Ronnie	PERMA-FIX	SOP-001C, General Safety Rules	Facility Safety Policies	2/13/2003	2/13/2003	N/A		0.50		Yes	Pass	Yes
Smith	Ronnie	PERMA-FIX	SOP-004A, PFF Employee Orientation	Facility/Policy/Familiarization	2/13/2003	2/13/2003	N/A		7.00		Yes	Pass	Yes
Smith	Ronnie	PERMA-FIX	Indoctrination to Quality Assurance	Purpose / Benefits	2/14/2003	2/14/2003	N/A		0.50		Yes	Pass	Yes
Smith	Ronnie	PERMA-FIX	Incident Report IR-030603-001	Corrective Action	3/10/2003	3/10/2003	N/A		0.50		Yes	Pass	Yes
Smith	Ronnie	PERMA-FIX	SOP-007C, Personal Protective Equipment	Procedure Implementation	3/20/2003	3/20/2003	N/A		0.50		Yes	Pass	Yes
Smith	Ronnie	PERMA-FIX	SOP-008G, Annual Fire Drill	Procedure Implementation	5/1/2003	5/1/2003	N/A		0.50		Yes	Pass	Yes
Smith	Ronnie	PERMA-FIX	SOP-005C-r4 Hazard Communication	Procedure Implementation	5/9/2003	5/9/2003	N/A		0.50		Yes	Pass	Yes
Smith	Ronnie	PERMA-FIX	SOP-006C-r4- Medical Surveillance	Procedure Implementation	5/9/2003	5/9/2003	N/A		1.00		Yes	Pass	Yes
Smith	Ronnie	PERMA-FIX	SOP-009Ar2- Facility Safety and Security	Procedure Implementation	5/12/2003	5/12/2003	N/A		0.50		Yes	Pass	Yes
Smith	Ronnie	PERMA-FIX	SOP-008C-r4 Incident Rpt & Investigation	Procedure Implementation	5/16/2003	5/16/2003	N/A		1.00		Yes	Pass	Yes
Smith	Ronnie	PERMA-FIX	SOP-019C-r7, Contingency Plan	Procedure Implementation	5/16/2003	5/16/2003	N/A		1.00		Yes	Pass	Yes
Smith	Ronnie	PERMA-FIX	Lab Pack Decommissioning	Process Familiarization	5/21/2003	5/21/2003	N/A		5.25		Yes	Pass	Yes
Smith	Ronnie	PERMA-FIX	PFT-004, Internal Combustion Lift Truck	Proper Operation Techniques	5/22/2003	5/22/2003	Ring Power	5/22/2006	3.00		Yes	Pass	Yes
Smith	Ronnie	PERMA-FIX	Radioical Wkr., Basic 16 Hr. Training	Rad Safety Training	6/6/2003	6/13/2003	N/A		16.00		Yes	Pass	Yes
Smith	Ronnie	PERMA-FIX	MP2 W/O Usage - Corrective Action	NCR Corrective Action	8/12/2003	8/12/2003	N/A		0.60		Yes	Pass	Yes
Smith	Ronnie	PERMA-FIX	Container Labeling	NCR Corrective Action	8/13/2003	8/13/2003	N/A		0.25		Yes	Pass	Yes
Smith	Ronnie	PERMA-FIX	Asbestos Hazards/Safety Requirements	Safety Training	9/4/2003	9/4/2003	N/A		0.50		Yes	Pass	Yes
Total									39.60	0.00			

Employee Code ThomasP

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Thomas	Pernell	PERMA-FIX	Qualitative Respirator Fit Test	Proper Fit of Respirator	12/3/2003	2/3/2003	3M		0.50		Yes	Pass	Yes
Thomas	Pernell	PERMA-FIX	SOP-001C, General Safety Rules	Facility Safety Policies	12/3/2003	2/3/2003	N/A		0.50		Yes	Pass	Yes
Thomas	Pernell	PERMA-FIX	SOP-004A, PFF Employee Orientation	Facility/Policy/Familiarization	2/3/2003	2/3/2003	N/A		7.00		Yes	Pass	Yes
Thomas	Pernell	PERMA-FIX	Indoctrination to Quality Assurance	Purpose / Benefits	2/4/2003	2/4/2003	N/A		0.50		Yes	Pass	Yes
Thomas	Pernell	PERMA-FIX	Incident Report IR-030603-001	Corrective Action	3/10/2003	3/10/2003	N/A		0.50		Yes	Pass	Yes
Thomas	Pernell	PERMA-FIX	SOP-007C, Personal Protective Equipment	Procedure Implementation	3/20/2003	3/20/2003	N/A		0.50		Yes	Pass	Yes
Thomas	Pernell	PERMA-FIX	SOP-008G, Annual Fire Drill	Procedure Implementation	5/1/2003	5/1/2003	N/A		0.50		Yes	Pass	Yes
Thomas	Pernell	PERMA-FIX	SOP-005C-r4 Hazard Communication	Procedure Implementation	5/9/2003	5/9/2003	N/A		0.50		Yes	Pass	Yes
Thomas	Pernell	PERMA-FIX	SOP-006C-r4- Medical Surveillance	Procedure Implementation	5/9/2003	5/9/2003	N/A		1.00		Yes	Pass	Yes
Thomas	Pernell	PERMA-FIX	SOP-009Ar2- Facility Safety and Security	Procedure Implementation	5/12/2003	5/12/2003	N/A		0.50		Yes	Pass	Yes
Thomas	Pernell	PERMA-FIX	SOP-008C-r4 Incident Rpt & Investigation	Procedure Implementation	5/16/2003	5/16/2003	N/A		1.00		Yes	Pass	Yes
Thomas	Pernell	PERMA-FIX	SOP-019C-r7, Contingency Plan	Procedure Implementation	5/16/2003	5/16/2003	N/A		1.00		Yes	Pass	Yes
Thomas	Pernell	PERMA-FIX	Lab Pack Decommissioning	Process Familiarization	5/21/2003	5/21/2003	N/A		5.25		Yes	Pass	Yes
Thomas	Pernell	PERMA-FIX	PFT-004, Internal Combustion Lift Truck	Proper Operation Techniques	5/22/2003	5/22/2003	Ring Power	5/22/2006	3.00		Yes	Pass	Yes
Thomas	Pernell	PERMA-FIX	Radioical Wkr., Basic 16 Hr. Training	Rad Safety Training	6/6/2003	6/13/2003	N/A		16.00		Yes	Pass	Yes
Thomas	Pernell	PERMA-FIX	MP2 W/O Usage - Corrective Action	NCR Corrective Action	8/12/2003	8/12/2003	N/A		0.60		Yes	Pass	Yes
Thomas	Pernell	PERMA-FIX	Container Labeling	NCR Corrective Action	8/13/2003	8/13/2003	N/A		0.25		Yes	Pass	Yes
Total									39.10	0.00			

Employee Code ThomasR

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Thomas	Ray	PERMA-FIX	RCRA 8 Hour Refresher Training	Annual Refresher	2/14/2003	2/14/2003	N/A		8.00		Yes	Pass	Yes
Thomas	Ray	PERMA-FIX	Annual Respirator Fit Test	Qualitative Fit	4/22/2003	4/22/2003	3M	4/22/2004	0.50		Yes	Pass	Yes
Total									8.50	0.00			

Employee Code TravisM

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Travis	Mark	PERMA-FIX	SOP-014S, Chemical Hygiene Plan	Procedure Implementation	1/7/2003	1/7/2003	N/A		0.50		Yes	Pass	Yes
Travis	Mark	PERMA-FIX	RCRA 8 Hour Refresher	Annual Refresher	2/21/2003	12/21/2003	N/A		8.00		Yes	Pass	Yes
Travis	Mark	PERMA-FIX	Annual Respirator Fit Test	Qualitative Fit	3/18/2003	3/18/2003	3M	3/18/2004	0.50		Yes	Pass	Yes
Travis	Mark	PERMA-FIX	SOP-008G, Annual Fire Drill	Annual Refresher	5/1/2003	5/1/2003	N/A		0.50		Yes	Pass	Yes
Travis	Mark	PERMA-FIX	SOP-009Ar2- Facility Safety and Security	Procedure Implementation	5/20/2003	5/20/2003	N/A		0.50		Yes	Pass	Yes
Travis	Mark	PERMA-FIX	MP2 W/O Usage - Corrective Action	NCR Corrective Action	8/11/2003	8/11/2003	N/A		1.25		Yes	Pass	Yes
Total									11.25	0.00			

Employee Code TribbyC

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Tribby	Cindy	PERMA-FIX	SOP-021C, Profile Review and Approval	Procedure Implementation	2/26/2003	2/26/2003	N/A		0.40		Yes	Pass	Yes
Tribby	Cindy	PERMA-FIX	SOP-008G, Annual Fire Drill	Annual Refresher	5/1/2003	5/1/2003	N/A		0.50		Yes	Pass	Yes
Tribby	Cindy	PERMA-FIX	SOP-009Ar2- Facility Safety and Security	Procedure Implementation	5/14/2003	5/14/2003	N/A		0.50		Yes	Pass	Yes
Total									1.40	0.00			

Employee Code Turnerv

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Turner	Ivan	PERMA-FIX	SOP-014S, Chemical Hygiene Plan	Procedure Implementation	1/7/2003	1/7/2003	N/A		0.50		Yes	Pass	Yes

Turner	Van	PERMA-FIX	Annual Respirator Fit Test	Annual Refresher	5/1/2003	5/1/2003	N/A	0.50	Yes	Pass	Yes
Turner	Van	PERMA-FIX	SOP-008G, Annual Fire Drill	Annual Refresher	5/1/2003	5/1/2003	N/A	0.50	Yes	Pass	Yes
Total								10.00	0.00		

Employee Code VinsonR

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Vinson	Randall	PERMA-FIX	RCRA 8 Hour Refresher	Annual Refresher	2/28/2003	2/28/2003	N/A		8.00		Yes	Pass	Yes
Vinson	Randall	PERMA-FIX	Annual Respirator Fit Test	Qualitative Fit	3/19/2003	3/19/2003	3M	3/19/2004	0.50		Yes	Pass	Yes
Vinson	Randall	PERMA-FIX	SOP-008G, Annual Fire Drill	Annual Refresher	5/1/2003	5/1/2003	N/A		0.50		Yes	Pass	Yes
Vinson	Randall	PERMA-FIX	SOP-009A2- Facility Safety and Security	Procedure Implementation	5/12/2003	5/12/2003	N/A		0.50		Yes	Pass	Yes
Total									9.50	0.00			

Employee Code WahlJ

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Wahl	Joseph	PERMA-FIX	Qualitative Respirator Fit Test	Proper Fit of Respirator	2/17/2003	2/17/2003	3M	2/17/2004	0.75		Yes	Pass	Yes
Wahl	Joseph	PERMA-FIX	SOP-001C, General Safety Rules	Facility Safety Policies	2/17/2003	2/17/2003	N/A		0.75		Yes	Pass	Yes
Wahl	Joseph	PERMA-FIX	SOP-004A, PFF Employee Orientation	Facility/Policy Familiarization	2/17/2003	2/18/2003	N/A		7.00		Yes	Pass	Yes
Wahl	Joseph	PERMA-FIX	Indoctrination to Quality Assurance	Purpose / Benefits	2/18/2003	2/18/2003	N/A		0.50		Yes	Pass	Yes
Wahl	Joseph	PERMA-FIX	Incident Report IR-030603-001	Corrective Action	3/10/2003	3/10/2003	N/A		0.50		Yes	Pass	Yes
Wahl	Joseph	PERMA-FIX	SOP-007C, Personal Protective Equipment	Procedure Implementation	3/24/2003	3/24/2003	N/A		0.50		Yes	Pass	Yes
Wahl	Joseph	PERMA-FIX	SOP-005C-r4 Hazard Communication	Procedure Implementation	5/9/2003	5/9/2003	N/A		0.50		Yes	Pass	Yes
Wahl	Joseph	PERMA-FIX	SOP-006C-r4 Medical Surveillance	Procedure Implementation	5/9/2003	5/9/2003	N/A		1.00		Yes	Pass	Yes
Wahl	Joseph	PERMA-FIX	SOP-009A2- Facility Safety and Security	Procedure Implementation	5/12/2003	5/12/2003	N/A		0.50		Yes	Pass	Yes
Wahl	Joseph	PERMA-FIX	SOP-008C-r4 Incident Rpt & Investigation	Procedure Implementation	5/16/2003	5/16/2003	N/A		1.00		Yes	Pass	Yes
Wahl	Joseph	PERMA-FIX	SOP-019C-r7, Contingency Plan	Procedure Implementation	5/16/2003	5/16/2003	N/A		1.00		Yes	Pass	Yes
Wahl	Joseph	PERMA-FIX	PTT-004, Internal Combustion Lift Truck	Proper Operation Techniques	5/22/2003	5/22/2003	Ring Power	5/22/2006	3.00		Yes	Pass	Yes
Wahl	Joseph	PERMA-FIX	Radioactive Wkr., Basic 16 Hr. Training	Rad Safety Training	6/6/2003	6/13/2003	N/A		16.00		Yes	Pass	Yes
Wahl	Joseph	PERMA-FIX	Employee Resigned, No further entries		6/27/2003	6/27/2003					No		No
Total									33.00	0.00			

Employee Code WarrenB

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Warren	Ben	PERMA-FIX	SOP-009A2- Facility Safety and Security	Procedure Implementation	5/14/2003	5/14/2003	N/A		0.50		Yes	Pass	Yes
Total									0.50	0.00			

Employee Code WatersM

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Waters	Mike	PERMA-FIX	RCRA 8 Hour Refresher	Annual Refresher	2/14/2003	2/14/2003	N/A		8.00		Yes	Pass	Yes
Waters	Mike	PERMA-FIX	Incident Report IR-030603-001	Corrective Action	3/10/2003	3/10/2003	N/A		0.50		Yes	Pass	Yes
Waters	Mike	PERMA-FIX	Annual Respirator Fit Test	Qualitative Fit	3/20/2003	3/20/2003	3M	3/20/2004	0.50		Yes	Pass	Yes
Waters	Mike	PERMA-FIX	SOP-007C, Personal Protective Equipment	Procedure Implementation	3/20/2003	3/20/2003	N/A		0.50		Yes	Pass	Yes
Waters	Mike	PERMA-FIX	SOP-008G, Annual Fire Drill	Annual Refresher	5/1/2003	5/1/2003	N/A		0.50		Yes	Pass	Yes
Waters	Mike	PERMA-FIX	SOP-009A2- Facility Safety and Security	Procedure Implementation	5/12/2003	5/12/2003	N/A		0.50		Yes	Pass	Yes
Waters	Mike	PERMA-FIX	MP2 W/O Usage - Corrective Action	NCR Corrective Action	8/12/2003	8/12/2003	N/A		0.60		Yes	Pass	Yes
Waters	Mike	PERMA-FIX	Container Labeling	NCR Corrective Action	8/13/2003	8/13/2003	N/A		0.25		Yes	Pass	Yes
Waters	Mike	PERMA-FIX	Asbestos Hazards/Safety Requirements	Safety Training	9/4/2003	9/4/2003	N/A		0.50		Yes	Pass	Yes
Total									11.85	0.00			

Employee Code WhittleR

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Whittle	Raymond	PERMA-FIX	SOP-021C, Profile Review and Approval	Procedure Implementation	2/26/2003	2/26/2003	N/A		0.40		Yes	Pass	Yes
Whittle	Raymond	PERMA-FIX	RCRA 8 Hour Refresher	Annual Refresher	3/7/2003	3/7/2003	N/A		8.00		Yes	Pass	Yes
Whittle	Raymond	PERMA-FIX	Annual Respirator Fit Test	Qualitative Fit	4/21/2003	4/21/2003	3M	4/21/2004	0.50		Yes	Pass	Yes
Whittle	Raymond	PERMA-FIX	SOP-008G, Annual Fire Drill	Annual Refresher	5/1/2003	5/1/2003	N/A		0.50		Yes	Pass	Yes
Whittle	Raymond	PERMA-FIX	SOP-009A2- Facility Safety and Security	Procedure Implementation	5/12/2003	5/12/2003	N/A		0.50		Yes	Pass	Yes
Whittle	Raymond	PERMA-FIX	SOP-017Q-r0, Receipt Acknowledgments	Procedure Implementation	6/17/2003	6/17/2003	N/A		0.50		Yes	Pass	Yes
Whittle	Raymond	PERMA-FIX	SOP-004Q-r2, Cntrl and Dist. of Document	Procedure Revision	6/23/2003	6/23/2003	N/A		0.50		Yes	Pass	Yes
Total									10.90	0.00			

Employee Code WickesT

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Wickes	Tom	PERMA-FIX	SOP-014S, Chemical Hygiene Plan	Procedure Implementation	1/9/2003	1/9/2003	N/A		0.50		Yes	Pass	Yes
Wickes	Tom	PERMA-FIX	Support Technician -Rad Checklist	NCR Corrective Action	2/18/2003	2/18/2003	N/A		0.50		Yes	Pass	Yes
Wickes	Tom	PERMA-FIX	RCRA 8 Hour Refresher	Annual Refresher	3/14/2003	3/14/2003	N/A		8.00		Yes	Pass	Yes
Wickes	Tom	PERMA-FIX	Annual Respirator Fit Test	Qualitative Fit	3/20/2003	3/20/2003	3M	3/20/2004	0.50		Yes	Pass	Yes
Wickes	Tom	PERMA-FIX	SOP-007C, Personal Protective Equipment	Procedure Implementation	3/20/2003	3/20/2003	N/A		0.50		Yes	Pass	Yes
Wickes	Tom	PERMA-FIX	SOP-008G, Annual Fire Drill	Annual Refresher	5/1/2003	5/1/2003	N/A		0.50		Yes	Pass	Yes
Wickes	Tom	PERMA-FIX	SOP-009A2- Facility Safety and Security	Procedure Implementation	5/12/2003	5/12/2003	N/A		0.50		Yes	Pass	Yes
Wickes	Tom	PERMA-FIX	Training, EQ, SOP-006E-r1, AECs Sys. Op	SOP Update	6/12/2003	6/12/2003	N/A		0.50		Yes	Pass	Yes
Wickes	Tom	PERMA-FIX	SOP-021CL-r2, Samp-Analysis, A/S M/W	Procedure Implementation	8/6/2003	8/6/2003	N/A		1.20		Yes	Pass	Yes
Wickes	Tom	PERMA-FIX	SOP-202CL-r1, Samp-Analysis, Treated H	Procedure Implementation	8/6/2003	8/6/2003	N/A		0.50		Yes	Pass	Yes
Wickes	Tom	PERMA-FIX	MP2 W/O Usage - Corrective Action	NCR Corrective Action	8/26/2003	8/26/2003	N/A		0.50		Yes	Pass	Yes
Wickes	Tom	PERMA-FIX	SOP-RL02-Analysis of Gamma Rad. /Envir	Procedure Implementation	9/12/2003	9/12/2003	N/A		0.75		Yes	Pass	Yes
Total									14.45	0.00			

Employee Code WilkersonC

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Wilkerson	Candis	PERMA-FIX	SOP-019C, Contingency Plan	Procedure Implementation	3/24/2003	3/24/2003	N/A		0.25		Yes	Pass	Yes
Wilkerson	Candis	PERMA-FIX	SOP-008G, Annual Fire Drill	Annual Refresher	5/1/2003	5/1/2003	N/A		0.50		Yes	Pass	Yes
Wilkerson	Candis	PERMA-FIX	SOP-009A2- Facility Safety and Security	Procedure Implementation	5/20/2003	5/20/2003	N/A		0.50		Yes	Pass	Yes
Total									1.25	0.00			

Employee Code WilliamsS

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Williams	Steve	PERMA-FIX	RCRA 8 Hour Refresher	Annual Refresher	3/14/2003	3/14/2003	N/A		8.00		Yes	Pass	Yes
Williams	Steve	PERMA-FIX	SOP-007C, Personal Protective Equipment	Procedure Implementation	3/20/2003	3/20/2003	N/A		0.50		Yes	Pass	Yes
Williams	Steve	PERMA-FIX	Annual Respirator Fit Test	Qualitative Fit	4/14/2003	4/14/2003	3M	4/14/2004	0.50		Yes	Pass	Yes
Williams	Steve	PERMA-FIX	SOP-008G, Annual Fire Drill	Annual Refresher	5/1/2003	5/1/2003	N/A		0.50		Yes	Pass	Yes
Williams	Steve	PERMA-FIX	Transportation Specialist 1	Departmental Awareness	5/1/2003	5/1/2003	N/A		0.25		Yes	Pass	Yes
Williams	Steve	PERMA-FIX	SOP-009A2- Facility Safety and Security	Procedure Implementation	5/12/2003	5/12/2003	N/A		0.50		Yes	Pass	Yes
Williams	Steve	PERMA-FIX	SOP-018Q-r0 V&V of Software	Procedure Implementation	5/15/2003	5/15/2003	N/A		0.75		Yes	Pass	Yes
Williams	Steve	PERMA-FIX	SOP-017Q-r0, Receipt Acknowledgments	Procedure Implementation	6/17/2003	6/17/2003	N/A		0.50		Yes	Pass	Yes
Williams	Steve	PERMA-FIX	Mercury Lamp, Handling and Processing	Awareness Training	6/24/2003	6/24/2003	N/A		0.40		Yes	Pass	Yes
Williams	Steve	PERMA-FIX	Advanced Mixed Waste Shipper Training	49 CFR, Part 172 Subpart H	7/28/2003	7/31/2003	Phil S. Rieke	7/31/2006	32.00		Yes	Pass	Yes
Williams	Steve	PERMA-FIX	SOP-201CL-r2, Samp-Analysis, A/S M/W	Procedure Implementation	8/6/2003	8/6/2003	N/A		1.20		Yes	Pass	Yes
Williams	Steve	PERMA-FIX	MP2 W/O Usage - Corrective Action	NCR Corrective Action	8/14/2003	8/14/2003	N/A		0.50		Yes	Pass	Yes
Williams	Steve	PERMA-FIX	SOP-202CL, Samp-Analysis, A/T Haz Was	Procedure Implementation	9/11/2003	9/11/2003	N/A		1.00		Yes	Pass	Yes
Total									46.60	0.00			

Employee Code	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Wilson	Benjy	PERMA-FIX	SOP-007C, Personal Protective Equipment	Procedure Implementation	3/24/2003	3/24/2003	N/A		0.50		Yes	Pass	Yes
Wilson	Benjy	PERMA-FIX	SOP-006G, Annual Fire Drill	Annual Refresher	5/1/2003	5/1/2003	N/A		0.50		Yes	Pass	Yes
Wilson	Benjy	PERMA-FIX	SOP-009Ar2, Facility Safety and Security	Procedure Implementation	5/12/2003	5/12/2003	N/A		0.50		Yes	Pass	Yes
Wilson	Benjy	PERMA-FIX	SOP-018Q-r0 V&V of Software	Procedure Implementation	5/15/2003	5/15/2003	N/A		0.75		Yes	Pass	Yes
Wilson	Benjy	PERMA-FIX	Lab Pack Decommissioning	Process Familiarization	5/21/2003	5/21/2003	N/A		5.25		Yes	Pass	Yes
Wilson	Benjy	PERMA-FIX	Training, EQ, SOP-006Er1, AECS Sys. Op	SOP Update	6/12/2003	6/12/2003	N/A		0.50		Yes	Pass	Yes
Wilson	Benjy	PERMA-FIX	SOP-004Q-r2, Cntrl and Dist. of Document	Procedural Update	6/23/2003	6/23/2003	N/A		0.50		Yes	Pass	Yes
Wilson	Benjy	PERMA-FIX	SOP-201CL-r2, Samp-Analysis, A/S M/W	Procedure Implementation	8/6/2003	8/6/2003	N/A		1.20		Yes	Pass	Yes
Wilson	Benjy	PERMA-FIX	SOP-202CL-r1, Samp-Analysis, Treated H	Procedure Implementation	8/6/2003	8/6/2003	N/A		0.50		Yes	Pass	Yes
Wilson	Benjy	PERMA-FIX	MP2 W/O Usage - Corrective Action	NCR Corrective Action	8/12/2003	8/12/2003	N/A		0.60		Yes	Pass	Yes
Wilson	Benjy	PERMA-FIX	Container Labeling	NCR Corrective Action	8/13/2003	8/13/2003	N/A		0.25		Yes	Pass	Yes
Wilson	Benjy	PERMA-FIX	Asbestos Hazards/Safety Requirements	Safety Training	9/4/2003	9/4/2003	N/A		0.50		Yes	Pass	Yes
Total									20.05	0.00			

Employee Code XiaK

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Xia	Ken	PERMA-FIX	RCRA 8 Hour Refresher	Annual Refresher	12/21/2003	12/21/2003	N/A		8.00		Yes	Pass	Yes
Xia	Ken	PERMA-FIX	Incident Report IR-030603-001	Corrective Action	13/10/2003	13/10/2003	N/A		0.50		Yes	Pass	Yes
Xia	Ken	PERMA-FIX	Annual Respirator Fit Test	Qualitative Fit	13/20/2003	13/20/2003	3M	3/20/2004	0.50		Yes	Pass	Yes
Xia	Ken	PERMA-FIX	SOP-007C, Personal Protective Equipment	Procedure Implementation	13/20/2003	13/20/2003	N/A		0.50		Yes	Pass	Yes
Xia	Ken	PERMA-FIX	SOP-008G, Annual Fire Drill	Annual Refresher	5/1/2003	5/1/2003	N/A		0.50		Yes	Pass	Yes
Xia	Ken	PERMA-FIX	SOP-009Ar2, Facility Safety and Security	Procedure Implementation	5/12/2003	5/12/2003	N/A		0.50		Yes	Pass	Yes
Xia	Ken	PERMA-FIX	Lab Pack Decommissioning	Process Familiarization	5/21/2003	5/21/2003	N/A		5.25		Yes	Pass	Yes
Xia	Ken	PERMA-FIX	Training, EQ, SOP-006Er1, AECS Sys. Op	SOP Update	6/12/2003	6/12/2003	N/A		0.50		Yes	Pass	Yes
Xia	Ken	PERMA-FIX	MP2 W/O Usage - Corrective Action	NCR Corrective Action	8/12/2003	8/12/2003	N/A		0.60		Yes	Pass	Yes
Xia	Ken	PERMA-FIX	Container Labeling	NCR Corrective Action	8/13/2003	8/13/2003	N/A		0.25		Yes	Pass	Yes
Total									17.10	0.00			

Employee Code YarbroughT

Last Name	First Name	Site	Description	Purpose	Starting Date	Finish Date	Certification	Certification Expiration Date	Hours	CEUs	Qualified	Status	Complete
Yarbrough	Tom	PERMA-FIX	SOP-014S, Chemical Hygiene Plan	Procedure Implementation	1/7/2003	1/7/2003	N/A		0.50		Yes	Pass	Yes
Yarbrough	Tom	PERMA-FIX	SOP-021C, Profile Review and Approval	Procedure Implementation	2/26/2003	2/26/2003	N/A		0.40		Yes	Pass	Yes
Yarbrough	Tom	PERMA-FIX	RCRA 8 Hour Refresher	Annual Refresher	3/14/2003	3/14/2003	N/A		8.00		Yes	Pass	Yes
Yarbrough	Tom	PERMA-FIX	Annual Respirator Fit Test	Qualitative Fit	3/18/2003	3/18/2003	3M	3/18/2004	0.50		Yes	Pass	Yes
Yarbrough	Tom	PERMA-FIX	SOP-008G, Annual Fire Drill	Annual Refresher	5/1/2003	5/1/2003	N/A		0.50		Yes	Pass	Yes
Yarbrough	Tom	PERMA-FIX	SOP-009Ar2, Facility Safety and Security	Procedure Implementation	5/12/2003	5/12/2003	N/A		0.50		Yes	Pass	Yes
Total									10.40	0.00			

Grand Total									846.10	0.00			
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Waste Management Services, Individual Annual Training Overview

Name: Ken Shoemake

Title: E H & S Manager

Hire Date: 09, July 2001

[illegible]

Task No. 067	Request Date 9/9/2003
Tenant	Request Time 09:22:20
Assigned By OwensA	Originator WhittleR
Assigned To	Telephone No. 352-395-1353
Scheduled Start Date 9/9/2003	Extension 1353
Scheduled Finish Date 9/9/2003	WO Type W330
Perform by Warranty No	Completion Date 9/9/2003
Priority 1.00	Completion Time 17:50:00
Expense Class	Project Task
Project ID	

<u>Craft</u>	<u>Estimated Crew Size</u>	<u>Estimated Labor Hours</u>
STI	1.00	1.00
STR	1.00	1.00

Equipment No. Reg- HNH-001	
Equipment Description Inspection, Hazardous-Non Hazardous Zone	
Serial No. N/A	Corrective Action
Cost Center 71-300-UDO	Levels of Approval
General Ledger No.	Start Time
Department UD	Start Date
Location Material Storage Areas	Area Supervisor Approval
Sub-location 1 Zones 1 through 14	Area Coordinator Approval
Sub-location 2 PSB Building	EHS Approval
Sub-location 3 TOB Building	RSO Approval
Reason for Outage 295	General Manager Approval
Must Be Down No	Quality Assurance Approval
Estimated Down Time	
Down Time	

Safety Note Inspection Trigger for On Site Inspection as directed by PFF Inspection LogSheet

Comments Jones, N. Start 1030, Finish 1145 DAY SHIFT: N. Jones: The following discrepancies were found and corrected in the noted Zones...

1) AISLE INSPECTION:
A Radioactive label was placed on a reagent drum. The label was removed from the Reagent drum. (CLOSED)

2) ZONE 10:
MISC-2383 (a five gallon container) was missing a Corrosive label. This label is required due to the acid contents. The Corrosive label was installed on the container. (CLOSED)

Mason, C. Start 1748, Finish 1750, No night shift on this date. 9/9/03

Potter, J. Start 1500, Finish 1540, No discrepancies.

Andy Owens
Quality Assurance Manager
Perma-Fix of Florida, Inc.
PH: 352-395-1357
FAX: 352-372-8963
www.perma-fix.com/florida

Item No.	Equipment No. (Parts)	Item Description	Qty Required	Date Used	Qty Used
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List extra parts and comments here

Employee Code	Equipment No. (Employee)	Work Date	First Name	Last Name	Regular Hours	Overtime Hours
DoddD	Reg- HNH-001	9/9/2003	Danny	Dodd	0.02	
JonesN	Reg- HNH-001	9/9/2003	Nat	Jones	1.25	
MasonC	Reg- HNH-001	9/9/2003	Charles	Mason	0.02	
PotterJ	Reg- HNH-001	9/9/2003	Jason	Potter	0.80	
SelfR	Reg- HNH-001	9/9/2003	Randy	Self	0.02	
WickesT	Reg- HNH-001	9/9/2003	Tom	Wickes	0.02	
WilliamsS	Reg- HNH-001	9/9/2003	Steve	Williams		
WilsonB	Reg- HNH-001	9/9/2003	Benjy	Wilson	0.02	
XiaK	Reg- HNH-001	9/9/2003	Ken	Xia		

Task Instructions

1. PURPOSE OF THIS TASK

- 1) Observance of ALL PFF Quality Assurance Policies and Procedures as applicable to the tasks assigned.
- 2) Observance of ALL PFF Environmental Health and Safety Policies and Procedures as applicable for the area you are to work in and for the tasks assigned.
- 3) Observance of ALL PFF Radiological Policies and Procedures in place for the area you are to work in and for the tasks assigned.
- 4) Observance of ALL PAS Lab Policies and Procedures as applicable for the area you are to work in and for the tasks assigned.
- 5) Observance of ALL Administrative Policies and Procedures as applicable for the area you are to work in and for the tasks assigned.
- 6) Observance of ALL Equipment Specific Policies and Procedures as applicable for the area you are to work in and for the tasks assigned. And, when necessary secure manufacturers O&M (Operations and Maintenance) manual for reference.
- 7) Observance of ALL Industrial Process Group Policies or Procedures as applicable for the area you are to work in for the tasks assigned.
- 8) Observance of ALL Nuclear Process Group Policies and Procedures as applicable for the area you are to work in for the tasks assigned.
- 9) Observe Proper disposal of waste materials upon completion.
- 10) Supporting Documentation Completion Requirements:
 - A) Daily, Weekly, Monthly, Quarterly, Annual, Semi-Annual, Bi-Annual inspection and materials processing work orders that are generated when the task is performed "across shifts" (Same inspection task, Same area, Performed at different times) addresses the requirement the task is performed daily during each shifts operation.

B) The logs used to perform these inspections provide the basis of what is to be inspected and, how it is to be performed.

Meaning: At what level of detail, and, what needs to be inspected or reviewed.

C) In order for the inspection to be deemed complete, for each shift or task it governs, All supporting documentation developed for a particular task must also be completed.

D) If for some reason, a portion of the supporting documentation has not been completed as required by the specified task.

The entire task shall be viewed as incomplete. Addressing it in this way provides the level of assurance necessary to ensure the tasks are performed with a high degree of consistency and accuracy.

E) Any items noted as being discrepant from any task or shift are reported independent of the other.

F) If there are deviations to the "posted" work schedule that result in certain areas being non-operational, the work orders that are typically issued in support of permit and license required functions shall still be released.

G) In the event materials are moved or transferred from other areas within the facility, shipments arrive or storage volumes change, these permit and license required inspections shall be performed as if the areas were in normal operation.

H) This documentation then becomes the "Objective Evidence" of proper completion.

I) Failure to complete any portion of this documentation shall result in the issuance of an NCR to address the specific non-conforming item.

In the event you are unfamiliar with any of the above requirements for a specific task, area or equipment.

DO NOT PROCEED with the performance of the task assigned.

Consult your immediate area supervisor, coordinator or manager for additional instructions or guidance.

Designated Inspection Personnel:

PSB Area

Zones 1,2,3,14 (Zone 14 formerly Zone 4)= Glass/Plastic

Primary - Steve Williams, Jason Potter or designee

TOB Area

Zones Haz- 4,5,6,7,8,9,10 Non Haz -11,12,13

Shift:

Day - Nate Jones or designee

Night - Charles Mason or designee

Please write ALL information LEGIBLY as you enter it into forms.

- 1) Secure Daily Inspection Logsheet
- 2) Write Work Order Number (Top,Left Center of Work Order) on PFF Inspection Log
- 3) Enter Date, Time inspection begins.
- 4) Sign your Full Name beneath printed name listing on lines provided on work Order form
- 5) Follow remaining instruction printed on the lower portion of inspection log.
- 6) Note any additional comments,discrepancies or equipment issues on Work Order provided.
with any information that is pertinent to the task being performed.
- 7) Enter Time of completion
- 8) Enter Date of Completion
- 9) NOTE: ON ZONE 14 AND SHOP, GALLON VOLUME AND SUMPS ARE NOT APPLICABLE
ALSO, PALLET STACK HEIGHT IN SHOP AREA MAX ALLOWABLE IS THREE (3) HIGH.

10) NOTE: LABELING/ CONTAINER IDENTIFICATION REQUIREMENTS:

A) All containers of radioactive materials placed in storage in either of the three (3) permitted areas, (PSB, SHOP, TOB)either pre or post process, including empties re-used for processing for the nuclear process group (example: LSV, Q-Hut) must have legible radioactive labeling placed in clear view, facing the aisle in close proximity to other DOT or Perma-fix required shipping or identification labels as applicable to the waste type contained.

B) All Non radioactive materials (Industrial) placed in storage, either pre or post process must have legible labels, facing the aisle in close proximity to other DOT or Perma-fix required shipping or identification labels as applicable to the waste type contained.

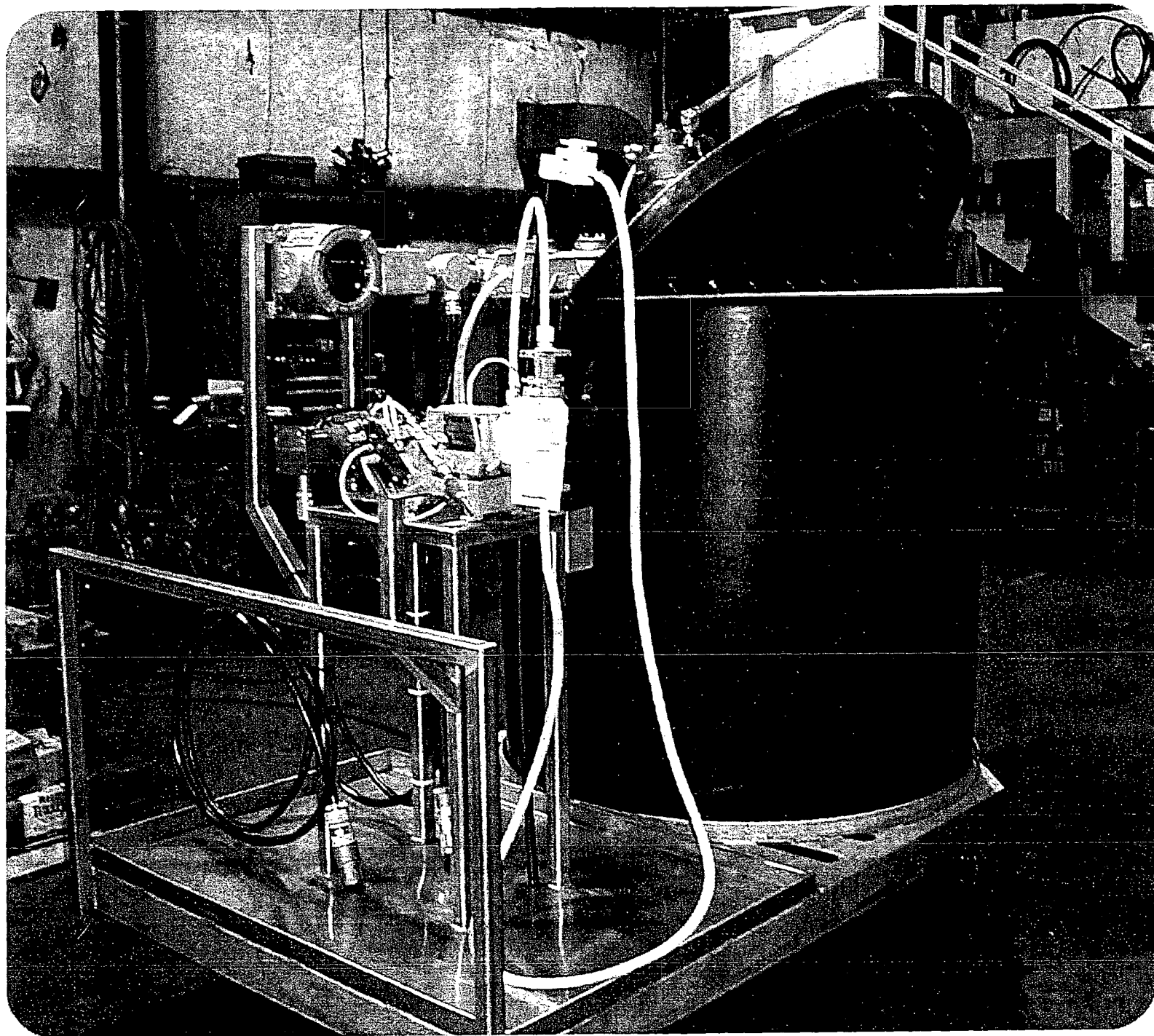
C) D.O.T. FLAMMABLE LABELS ARE NOT PERMITTED on WASTE material containers placed in storage in areas other than the PSB BUILDING.

EXCEPTION: Products or materials purchased for use in various processes that are labeled D.O.T. FLAMMABLE are the ONLY materials authorized for storage in areas other than the PSB.

D) All container labels (industrial and nuclear) that are torn, faded or damaged in a manner that prevents ease of identification MUST BE PROMPTLY REPLACED.

- 11) Return Completed Work Order to QA Manager or designee for closure.

(ALL DRUMS ARE TO BE STRAPPED WHEN STACKED BEYOND SINGLE PALLET HEIGHT)



CONTAINER CLOSURE REQUIREMENTS

Pursuant to the requirements of the U.S. Department of Transportation at 49 CFR 178.2(c)(1), we hereby provide this Notification of the closing method used for the containers sold to you under our Quotation. This method of closure should be used to ensure that your containers have been closed in the same manner as when they were initially tested. Under the applicable DOT regulations, any changes made to (a) the type, materials or dimensions of closures or (b) the method of closure may constitute a change to the design type of these containers, voiding the UN certification we have marked on them. If there are any questions regarding proper closing methods, please contact your Account Manager or Customer Service representative. Industrial Container Services highly recommends a copy of this Notification be kept on file and posted in a conspicuous location at your facility.

TO CLOSE FITTINGS IN HEADS OR COVERS:

1. Use only the plugs and gaskets we have supplied with the drums
2. Insert and tighten all plugs into their appropriate threaded flanges until snug.
3. Using a torque wrench, tighten each fitting to the correct torque. See below for correct torques. Torques are based on the closure manufacturers' recommendations.

SIZE & FITTING STYLE	REQUIRED TORQUE				
	STEEL PLUGS			NYLON OR POLY PLUGS	
	Buna Rubber Gasket	Poly Gasket	EPT Gasket	Buna Rubber Gasket	Poly Gasket
2' Rieke	30 ft. lbs	40 ft. lbs	N/A	20 ft. lbs	20 ft. lbs
1 1/2" Rieke Type	30 ft. lbs	40 ft. lbs	30 ft. lbs	N/A	N/A
3/4" Rieke Type	15 ft. lbs	20 ft. lbs	N/A	9 ft. lbs	9 ft. lbs
2" Trisure Type	30 ft. lbs	30 ft. lbs	N/A	20 ft. lbs	30 ft. lbs
3/4" Trisure Type	12 ft. lbs	20 ft. lbs	N/A	8 ft. lbs	8 ft. lbs

Drums closed in this manner meet the UN performance oriented packaging standards test requirements for the container markings shown on our Quotation.

TO CLOSE OPEN HEAD DRUMS:

- A. FOR CUSTOMERS WHO ASSEMBLE THE COVER AND RING AFTER FILLING:
1. Place cover on drum, using only the cover gasket we have supplied and which is described in our Quotation.
 2. Snap the closing ring over the cover and the bead of the drum. Make sure the ring's lugs point down, toward the floor. Also make sure that sufficient downward pressure is applied to the cover so that the bottom edge of the closing ring is fully engaged under the bottom edge of the drum bead.
 3. If there are fittings in the cover, they should be oriented 90° from the ring closure. In other words, one fitting should be at 9:00 o'clock, the other at 3:00 o'clock, and the ring lugs at 6:00 or 12:00 o'clock.
 4. Insert the bolt through the lug without threads. If your specifications included lock nuts, screw on the lock nut. Finally, screw the bolt into the threaded lug.
 5. Tighten the bolt in the locking ring lugs, to 60 ft. lbs. of torque. While tightening the bolt, tap the entire perimeter of the locking ring with a mallet until there is no further loosening. Begin each tapping cycle 180° across the drum head from the locking ring lugs; repeat several times. Check to ensure that the ring is seated tightly against the bottom edge of the drum bead and cover.
 6. If your specifications included lock nuts, the lock nut must be tightened against the threaded lug of the bolt ring - not against the unthreaded lug. Tighten lock nut to 25-30 ft. lbs. of torque.
- B. FOR CUSTOMERS WHO PURCHASE DRUMS ASSEMBLED TIGHT:
1. Ensure that the locking ring, bolt and nut have not been disturbed from the time of our delivery.
 2. After filling, close the fitting in the cover used for filling, as described on the reverse.
 3. Check the tightness of the bolt and nut, per A.5 & 6, above. (Some loosening of the ring is inevitable, over time, because of gasket compression.) Ensure that torque levels meet those shown above. Drums closed in the above manner meet the UN performance-oriented packaging standards test requirements for the container markings shown on the attached Quotation.

Note: Drum gaskets will compress and lose their memory overtime affecting their ability to seal. It is recommended that you limit to a minimum the time assembled gaskets are kept under full compression.

Under DOT regulations, any changes made to the type and dimensions of closures or the method of closure may constitute a change in design type of this packaging, voiding the certification we have marked on it and requiring retesting and recertification.

HAZARDOUS WASTE QUANTITIES DAILY LOG

Day	Date	Time	Inspected By	ESTIMATED QTY IN TOB													Total	Total
				55-gal	85-gal	30-gal	5-gal	10-gal	15-gal	20-gal	110-gal	Totes	B-12	B-25	Other	Container		
Mon	9-15-3	1130	W. Jones	153	9	32	38	23	2	4	1	3	1	13		279	21,274	
Tue	9-16-3	1430	W. Jones	153	9	33	38	24	2	4	1	3	1	14		282	22,018	
Wed	9-17-3	1120	W. Jones	150	7	33	38	29	2	4	1	3	1	14		282	21,733	
Thu	9-18-3	1220	W. Jones	154	8	33	38	29	2	5	1	3	1	14		288	22,058	
Fri	9-19-3	1045	W. Jones	154	8	30	37	29	2	5	1	3	1	14		284	21,963	
Sat																		
Sun																		
Mon	9-22-3	1125	W. Jones	154	10	30	37	31	3	4	1	3	1	13		287	21,444	
Tue	9-23-3	1420	W. Jones	154	11	30	39	30	2	0	1	3	1	14		285	22,138	
Wed																		
Thu																		
Fri																		
Sat																		
Sun																		

Instructions

Enter the number of each size container for each storage zone.

Multiply the number of containers by the size, in gallons, and sum them for each storage area.

If the total volume (in gallons) in each area is above the following, notify the EHS.

TOB must be less than 33440 gallons

TOB Quantities Log

Date : 24-Sep-03

Zone #	55	85	30	5	10	15	20	110	Totes	B-25	B-12		Total Contain	Total Gallons
4	4	5		3	3			1					16	800
5			1	2	6				1				10	430
6	13	3	5	21	11								53	1335
7	9		7						1				17	1035
8	80	1		3	3					16	1		104	16146
9	9	1	1	1	2								14	635
10	17	1	9	6	5	3			1				42	1745
												Total	256	22126
Total Contain	132	11	23	36	30	3	0	1	3	16	1		256	
Total Gallons	7260	935	690	180	300	45	0	110	990	11264	352		22126	

Total Containers	
Load Dock	6
Aisle	35
Zone 11	27
Zone 12	18
Zone 13	36

Perma-Fix of Florida, Inc.
Outbound Shipment Logbook

09/1

Manifest Number	Shipment Destination	Shipment Contents	Shipment Date	Prepared By	Manifest Copy Due Date	Return Date	Verified By	Callback Required	Callback Date	Person Contacted	Date Promised	NCR Required	Comments
3137	ENSCO	Kemo	07/25/2003	Steve	08/24/2003	08/25/2003	D. Singleton	08/14/2003	08/14/2003	Veronica	08/24/2003	N/A	Veronica said the signer
3181	Covanta	Used Oily	07/02/2003	Steve	08/01/2003	07/15/2003	D. Singleton	07/23/2003	N/A	N/A	N/A	N/A	
3182	Covanta	Used Oily	07/09/2003	Jason	08/08/2003	07/15/2003	D. Singleton	07/30/2003	N/A	N/A	N/A	N/A	
3183	Kleensoil	Petro Soil	07/03/2003	Steve	08/02/2003	07/15/2003	D. Singleton	07/24/2003	N/A	N/A	N/A	N/A	
3184	Emelle	Haz-Debris	07/09/2003	Steve	08/08/2003	07/16/2003	D. Singleton	07/30/2003	N/A	N/A	N/A	N/A	
3185	DSSI	Bulk-Sample-	07/01/2003	Ross	07/01/2003	N/A	D. Singleton	07/01/2003	N/A	N/A	N/A	N/A	Sample: will not have a
3186	Michigan	Haz/Waters	09/02/2003	Steve	10/02/2003	09/23/2003	D. Singleton	09/22/2003	09/22/2003	Annia	10/02/2003	N/A	Annia said the original
3187	PF-GA	Haz/Solids	07/15/2003	Steve	08/14/2003	07/22/2003	D. Singleton	08/04/2003	N/A	N/A	N/A	N/A	
3188	MIS-IWS	Non/Haz	07/16/2003	Steve	08/15/2003	07/28/2003	D. Singleton	08/06/2003	N/A	N/A	N/A	N/A	
3189	GE Lab	Sample	07/02/2003	Tom H	07/02/2003	N/A	D. Singleton	07/02/2003	N/A	N/A	N/A	N/A	Sample: will not have a
3190	AERC	Batteries,Mer	07/03/2003	Steve	08/02/2003	07/24/2003	D. Singleton	07/24/2003	07/24/2003	Tracy	07/24/2003	N/A	
3191	Kleensoil	Petro Soil	07/10/2003	Steve	08/09/2003	07/28/2003	D. Singleton	07/31/2003	N/A	N/A	N/A	N/A	
3192	DSSI	Tanker	07/11/2003	Steve	08/31/2003	07/18/2003	D. Singleton	07/25/2003	N/A	N/A	N/A	N/A	
3193	Giant	Fluids	07/10/2003	Steve	08/09/2003	07/28/2003	D. Singleton	07/31/2003	N/A	N/A	N/A	N/A	
3194	Emelle	Haz-Debris	07/16/2003	Steve	08/15/2003	07/28/2003	D. Singleton	08/05/2003	N/A	N/A	N/A	N/A	
3195	Covanta	Used Oily	07/16/2003	Steve	08/14/2003	08/01/2003	D. Singleton	08/05/2003	N/A	N/A	N/A	N/A	
3196	Covanta	Used Oily	07/17/2003	Steve	08/15/2003	08/01/2003	D. Singleton	08/06/2003	N/A	N/A	N/A	N/A	
3197	Emelle	Haz-Debris	07/29/2003	Steve	08/28/2003	08/13/2003	D. Singleton	08/18/2003	N/A	N/A	N/A	N/A	
3198	Kleensoil	Petro Soil	07/24/2003	Jason	08/23/2003	08/14/2003	D. Singleton	08/13/2003	08/13/2003	Larry	08/23/2003	N/A	Larry said the generat
3199	PF-Orlando	Corrosive	07/15/2003	Jason	08/14/2003	07/28/2003	D. Singleton	08/04/2003	N/A	N/A	N/A	N/A	
3200	PF-GA	Haz/Solids	08/01/2003	Steve	09/01/2003	08/12/2003	D. Singleton	08/21/2003	N/A	N/A	N/A	N/A	
3201	MIS-IWS	Non/Haz	07/22/2003	Steve	08/21/2003	08/01/2003	D. Singleton	08/11/2003	N/A	N/A	N/A	N/A	
3202	Giant	Fluids	07/17/2003	Steve	08/15/2003	07/24/2003	D. Singleton	08/06/2003	N/A	N/A	N/A	N/A	
3203	Covanta	Used Oily	07/23/2003	Steve	08/22/2003	07/25/2003	D. Singleton	08/12/2003	N/A	N/A	N/A	N/A	
3204	Giant	Fluids	07/24/2003	Steve	08/23/2003	08/04/2003	D. Singleton	08/13/2003	N/A	N/A	N/A	N/A	
3205	GE Lab	Sample	07/22/2003	Tom H	07/22/2003	N/A	D. Singleton	07/22/2003	N/A	N/A	N/A	N/A	Sample: will not have a
3206	Covanta	Used Oily	07/30/2003	Steve	08/29/2003	08/04/2003	D. Singleton	08/19/2003	N/A	N/A	N/A	N/A	
3207	MEC	D-U CHIPS	07/23/2003	Tom H	07/23/2003	08/14/2003	D. Singleton	07/23/2003	N/A	N/A	N/A	N/A	Sample: The generator
3208	AERC	batteries,Mer	07/23/2003	Steve	08/22/2003	07/29/2003	D. Singleton	08/12/2003	N/A	N/A	N/A	N/A	
3209	ENVIROCARE	0421-07-	08/01/2003	Jason	08/21/2003	08/12/2003	D. Singleton	08/15/2003	N/A	N/A	N/A	N/A	
3210	ENVIROCARE	0421-19-	08/01/2003	Jason	08/21/2003	08/15/2003	D. Singleton	08/15/2003	N/A	N/A	N/A	N/A	
3211	Covanta	Used Oily	07/31/2003	Jason	08/29/2003	08/04/2003	D. Singleton	08/20/2003	N/A	N/A	N/A	N/A	
3212	Kleensoil	Petro Soil	08/07/2003	Jason	09/09/2003	08/20/2003	D. Singleton	08/28/2003	N/A	N/A	N/A	N/A	
3213	Giant	Fluids	08/07/2003	Jason	09/09/2003	08/20/2003	D. Singleton	08/28/2003	N/A	N/A	N/A	N/A	
3214	DSSI	SAMPLES	07/29/2003	Ross	07/29/2003	N/A	D. Singleton	07/29/2003	N/A	N/A	N/A	N/A	Sample: will not have a
3215	Covanta	Used Oily	08/06/2003	Jason	09/08/2003	08/11/2003	D. Singleton	08/27/2003	N/A	N/A	N/A	N/A	
3216	Emelle	Haz-Debris	08/06/2003	Jason	09/08/2003	08/20/2003	D. Singleton	08/27/2003	N/A	N/A	N/A	N/A	
3217	MIS-IWS	Non/Haz	08/27/2003	Jason	09/26/2003	09/17/2003	D. Singleton	09/16/2003	09/16/2003	DeeAnn	09/26/2003	N/A	DeeAnn said it was mail
3218	PF-GA	Haz/Solids	08/28/2003	Steve	09/27/2003			09/17/2003	09/17/2003	Shar	09/27/2003	N/A	Shar said the billing is p
3219	Covanta	Used Oily	08/17/2003	Steve	09/13/2003	09/03/2003	D. Singleton	09/03/2003	09/03/2003	Michelle	09/05/2003	N/A	Michelle said that she w
3220	ENSCO	Kemo		Steve									
3221	Emelle	Haz-Debris	08/21/2003	Steve	09/20/2003	09/03/2003	D. Singleton	09/10/2003	N/A	N/A	N/A	N/A	
3222	Covanta	Used Oily	08/18/2003	Steve	09/14/2003	09/03/2003	D. Singleton	09/04/2003	N/A	N/A	N/A	N/A	
3223	Kleensoil	Petro Soil	08/28/2003	Steve	09/27/2003	09/23/2003	D. Singleton	09/17/2003	09/17/2003	Larry	09/27/2003	N/A	Larry said the generat
3224	PF-Michigan	Supplies	08/14/2003	Steve	08/14/2003	N/A	D. Singleton	08/14/2003	N/A	N/A	N/A	N/A	Supplies: will not have a
3225	Giant	Fluids	08/14/2003	Steve	09/12/2003	08/28/2003	D. Singleton	09/03/2003	N/A	N/A	N/A	N/A	
3226	DSSI	Tanker	08/21/2003	Steve	09/11/2003	08/29/2003	D. Singleton	09/05/2003	N/A	N/A	N/A	N/A	
3227	Giant	Fluids	08/28/2003	Steve	09/27/2003	09/05/2003	D. Singleton	09/17/2003	N/A	N/A	N/A	N/A	
3228	Duratek	M/T B-25's	08/20/2003	Jason	08/20/2003	N/A	D. Singleton	08/20/2003	N/A	N/A	N/A	N/A	Empty containers ship to
3229	AERC	Batteries,	08/20/2003	Steve	09/19/2003	09/10/2003	D. Singleton	09/09/2003	09/09/2003	Tarina	09/11/2003	N/A	Tarina said that she won
3230	Emelle	Haz-Debris	09/05/2003	Steve	10/05/2003	09/16/2003	D. Singleton	09/25/2003	N/A	N/A	N/A	N/A	
3231	Alachua	Computer	08/21/2003	Steve	08/21/2003	08/21/2003	D. Singleton	08/21/2003	N/A	N/A	N/A	N/A	
3232	Covanta	Used Oily	08/27/2003	Steve	09/26/2003	09/03/2003	D. Singleton	09/16/2003	N/A	N/A	N/A	N/A	
3233	Covanta	Used Oily	09/04/2003	Steve	10/04/2003			09/24/2003					
3234	PF-Michigan	Corrosive	08/28/2003	Steve	09/27/2003	09/18/2003	D. Singleton	09/17/2003	09/17/2003	Karen	09/27/2003	N/A	Karen said it would be m
3235	PF-Orlando	Flamm-	08/28/2003	Steve	09/27/2003	09/12/2003	D. Singleton	09/17/2003	N/A	N/A	N/A	N/A	
3236	PF-Orlando	Latex,Acid,Co	08/28/2003	Steve	09/27/2003	09/17/2003	D. Singleton	09/17/2003	09/17/2003	Sandy	09/27/2003	N/A	Sandy said it would be m
3237	DSSI	Samples	08/28/2003	Ross	08/28/2003	08/28/2003	D. Singleton	08/28/2003	N/A	N/A	N/A	N/A	Sample: will not have a
3238	PF-GA	Haz/Solids		Steve									

Form to be used in accordance with SOP-017Q, Receipt Acknowledgments for Materials Shipments.
 Outbound Shipment Log_SOP-017Q

Samples sent express carrier include "Bill of Lading" No receipt acknowledgement is provided or

[illegible]



ENVIRONMENTAL PROTECTION

Jeb Bush
Governor

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

David B. Struhs
Secretary

August 20, 2003

Mr. Larry Howard
Zurich North America
3003 Summit Boulevard # 1800
Atlanta, Georgia 30319

Re: FLD 980 711 071
Perma Fix of Gainesville, Inc.
1940 Northwest 67th Place
Gainesville, Florida 32653-1649

RECEIVED

SEP 12 2003

STATE OF FLORIDA
DEPT. OF ENV. PROTECTION
NORTHEAST DISTRICT-JAX

Subject: American Guarantee and Liability Insurance Company Bond number SUR3513125

Dear Mr. Howard:

The Florida Department of Environmental Protection wants to clarify that it never received the above referenced surety bond. However, the department agrees to its cancellation and therefore holds no liability against American Guarantee and Liability Insurance Company regarding this bond.

If you have any questions, please contact Mr. Edgar Echevarría of my staff at 850-245-8793.

Sincerely,

Douglas Outlaw
Professional Engineer III
Hazardous Waste Regulation

DO/ee

cc: Ms. Elizabeth Sawyer, USEPA/Region 4
✓ Mr. Michael Fitzsimmons, FDEP/Northeast District Office
Mr. David Eighmey, Willis of Tennessee
Mr. David Hansen, Perma Fix of Gainesville
FDEP File

TOCKET#03.6

"More Protection, Less Process"

Printed on recycled paper.

Pantex

P.O. Box 30020 Amarillo, Texas 79120 806/477-3000

JUL 02 2003

RECEIVED

JUL 02 2003

Florida Department of Environmental Protection
Northeast District
Attn: Vickie Valade
7825 Baymeadows Way, Suite B200
Jacksonville, FL 32256-7590

STATE OF FLORIDA
DEPT. OF ENV. PROTECTION
NOTIFIED BY FAX

Re: Request to View Files

Dear Health Department Official:

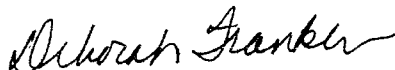
Please accept this letter as notification of our request to allow United States Department of Energy - BWXT Pantex Plant representatives Ms. Kana Sneed and Mr. Donald Maxie to view all existing files to the extent possible, state inspection reports, environmental assessment reports, general correspondence files and enforcement files pertaining to air, water, and solid waste for 2001 through the current year for Perma-Fix Environmental Services of Gainesville, Florida on Tuesday, July 15, 2003.

Alachua

Our company is conducting a due diligence inspection of Perma-Fix for the purposes of future prospective waste processing services.

If you have any questions, you may contact me at (806) 477-5787.

Sincerely,



Deborah Franklin, Manager
Waste Operations Department

DRF/KYS:trd

cc:

WOD Records Management, T9-059

DOCKET # 35

June 5, 2003

Ashwin Patel
Florida Department of Environmental Protection
7825 Baymeadows Way, Suite B200
Jacksonville, FL 32256

Dear Mr. Patel

RE: **40 CFR 264.76** Unmanifested Waste Report

On October 24, 2002 Perma-Fix of Florida, Inc. (FLD 980 711 071), located at 1940 NW 67th Place, Gainesville, FL 32653, received two 85 gallon over pack drums of waste from Cambrex Bioscience MA (MAD 982 543 860) located at 97 South Street, Hopkinton, MA 01748. The waste was transported by Dart Trucking Company, Inc. (OHD 009 865 825) located at 61 Railroad Street, Canfield, OH 44406.

Upon sampling and analysis (November 5, 2002), two containers received from Cambrex Bioscience MA, (manifest number Z0106128, Cambrex container numbers NM 0291260002#2 and NM 0291260002#3) were found to have a Flash Point of less than 140 F (D001). Each 85 gallon over pack contained one 55 gal bulk liquid drum. Both containers were shipped as "Radioactive Material, Excepted Package-Limited Quantity of Material, 7, UN 2910" Non RCRA Hazardous.

The material will now be managed as a D001 "Mixed Waste". Perma-Fix will bulk the material into a tanker and ship it to Diversified Scientific Services, Inc. (TND 982 109 142) located at 657 Gallaher Road, Kingston, TN 37763, for energy recovery.

This material was initially characterized as a non RCRA hazardous, radioactive only buffer solution by the generator. Once received at Perma-Fix analysis proved this material to have a flash point less than 140 F.

If I can be of any further assistance to you or your customer regarding this matter, please feel free to contact me or Ken Shoemake.

Sincerely,



Tom Hannah
Waste Acceptance Supervisor
Perma-Fix of Florida

cc: Mr. Jack Griffith

DOCKET # **Q3.4**



Jeb Bush
Governor

Northeast District
7825 Baymeadows Way, Suite B200
Jacksonville, Florida 32256-7590

David B. Struhs
Secretary

February 28, 2003

Mr. Ken Shoemake
Perma-Fix of Florida
1940 NW 67th Place
Gainesville, Florida 32653

Dear Mr. Shoemake:

Perma-Fix of Florida
Warning Letter WL02-2109HW01NED
FLD 980 711 071
Alachua County - Hazardous Waste

The Department has reviewed the information received subsequent to the June 25, 2002 compliance evaluation inspection in response to the above referenced Warning Letter. Since the department has approved the requested modification no further action is required at this time.

If you have any questions regarding this report or hazardous waste regulations in general, please call me at (904) 807-3300, extension 3369.

Sincerely,

Alan Annicella
Environmental Specialist
Hazardous Waste Section

AAA:aa



FDEP

CONTINGENCY PLAN

**PERMA-FIX OF FLORIDA, INC.
1940 NW 67th PLACE
GAINESVILLE, FLORIDA 32653
(352) 373-6066**

DEP/EPA ID#: FLD 980 711 071

February 20, 2003

To: Mr. Ashwin Patel
Florida Department of Environmental Protection
7825 Baymeadows Way, Suite B200
Jacksonville, FL 32256

From: Perma-Fix of Florida, Inc.
1940 NW 67th Place
Gainesville, FL 32653

RE: Contingency Plan Revisions - Perma-Fix of Florida, Inc.

Dear Mr. Patel:

Perma-Fix of Florida, Inc. has revised the facility's Contingency Plan document. Copies of the revised pages are enclosed for insertion within your organization's copy of the Perma-Fix Contingency Plan document. Please make the necessary updates to your copy of the plan and discard all outdated pages.

Our facility is required to supply your organization with a complete copy of the Contingency Plan document, and all subsequent revisions in accordance with federal EPA regulations listed at 40 CFR 264.53/264.54.

If you have any questions regarding the information received or your organization's role in contingency planning for the Perma-Fix of Florida, Inc. facility, please contact me at (352) 373-6066.

Sincerely,



Ken Shoemake
Environmental Health and Safety Manager

Table 1
Chain of Review

<i>Please review, provide comments, sign, date, and return to AMSS. Do not forward to next level of review.</i>					
Name	Procedure Writer ¹	Reviewer	Approver	SIGN	DATE
Shoemake, K., EH&S Manager	X	X	X	<i>Ken Shoemake</i>	2-18-03
Brimley, R., Sr. Tech Associate		X		<i>Richard Brimley</i>	2-18-03
Gardner, D., Lab Manager		X		<i>D. Gardner</i>	2/18/03
Pan D., RSO		X		<i>Pan D.</i>	2/18/2003
Self, R., Treatment Coordinator		X		<i>R. Self</i>	2/18/2003
Owens, A., QA Manager		X		<i>A. Owens</i>	2-18-2003
Owens, M., Maintenance Coord.		X		<i>M. Owens</i>	2-18-03
Singleton, D., Site Coordinator		X		<i>D. Singleton</i>	2-18-03
Yarbrough, T., Mgr. Tech. Services		X		<i>T. Yarbrough</i>	2/18/03
FINAL REVIEW / APPROVAL:					
Shoemake, K., EH&S Manager		X	X	<i>Ken Shoemake</i>	2-18-03
Whittle, R., General Manager		X	X	<i>R. Whittle</i>	2-18-03

Table 2

RECORD OF REVISION		
REVISION NUMBER	PURPOSE OF REVISION	EFFECTIVE DATE
5	UPDATE	Nov. 21, 2002
6	ANNUAL UPDATE	JANUARY 8, 2003
7	UPDATE TO DOCUMENT CONTROL FORMAT (HEADER FOOTER) AND ATTACHMENTS	FEBRUARY 17, 2003

1. Notice to Document Writer: Documents developed which have not had training performed are not considered fully implemented. Once the AMSS notifies the Document Writer of the completion of all approvals, please notify the QA Manager so that training can be scheduled.

Attachment CP-10: Contingency Plan Revisions - Transmittal Letter

EXAMPLE

Certified Mail#

Return Receipt Request

DATE: _____
TO: _____

FROM: Perma-Fix of Florida, Inc.
1940 NW 67th Place
Gainesville, FL 32653

RE: Contingency Plan Revisions - Perma-Fix of Florida, Inc.

Dear _____:

Perma-Fix of Florida, Inc. has revised the facility's Contingency Plan document. Copies of the revised pages are enclosed for insertion within your organization's copy of the Perma-Fix Contingency Plan document. Please make the necessary updates to your copy of the plan and discard all outdated pages.

Our facility is required to supply your organization with a complete copy of the Contingency Plan document, and all subsequent revisions in accordance with federal EPA regulations listed at 40 CFR 264.53/264.54.

If you have any questions regarding the information received or your organization's role in contingency planning for the Perma-Fix of Florida, Inc. facility, please contact me at (352) 373-6066.

Sincerely,

Ken Shoemake
Environmental Health and Safety Manager

Attachment CP-9: Coordination Agreements/Receipt Documentation

EXAMPLE

Certified Mail#

Return Receipt Request

CONTINGENCY PLAN SUBMITTAL

ACCEPTANCE

I certify that on this _____ day of _____, I received a copy of the Contingency Plan for Perma-Fix of Florida located at 1940 NW 67th Place in Gainesville, Florida 32653. Further, this organization agrees to respond to, or assist in, emergency situations which may arise at the subject facility should the need arise.

REFUSAL

☐

By checking this box, the undersigned organization refuses to enter into an agreement to provide emergency response services to the subject facility. However, we do acknowledge receipt of the Contingency Plan being offered by Perma-Fix of Florida, Inc.

Signature: _____

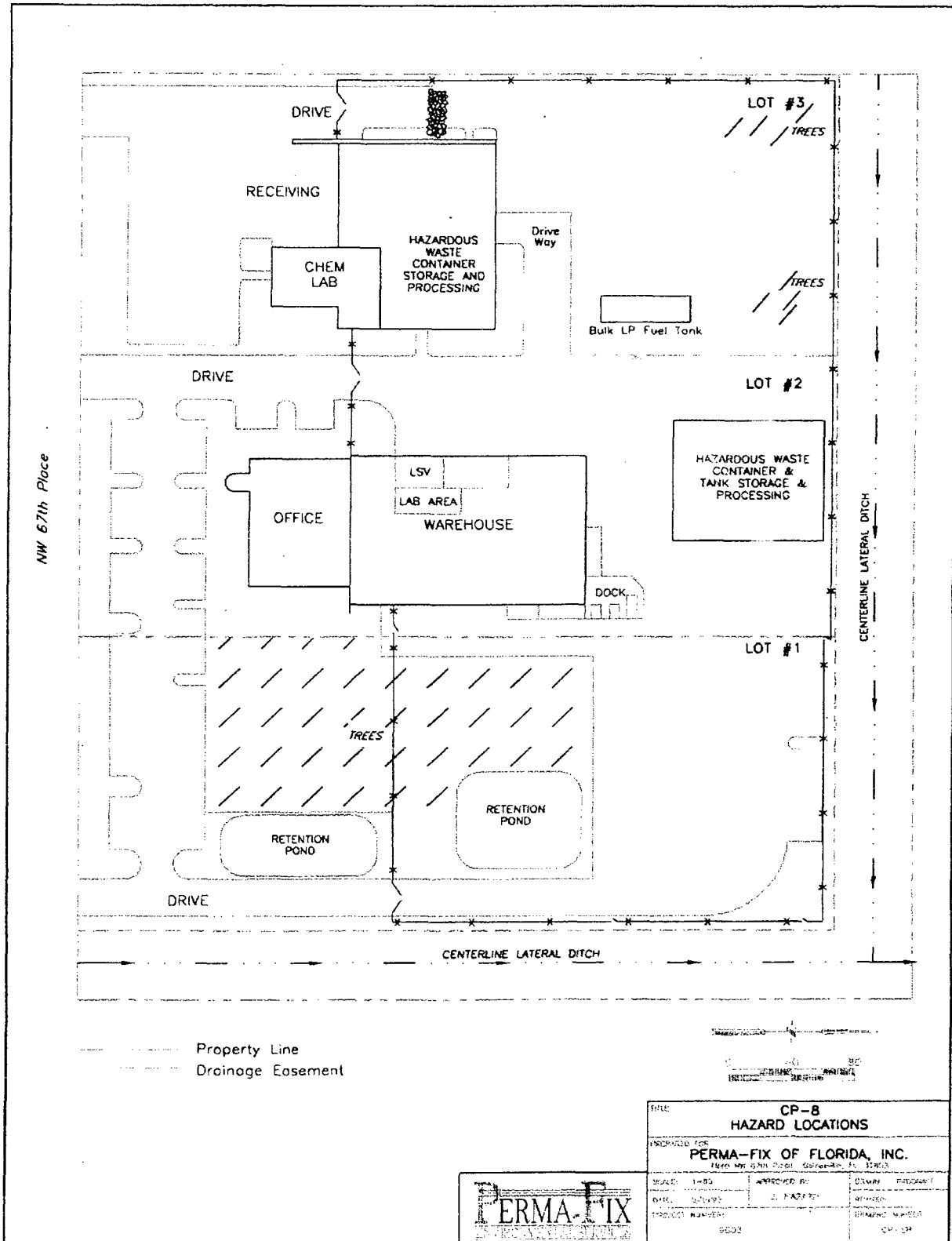
Printed Name: _____

Title: _____

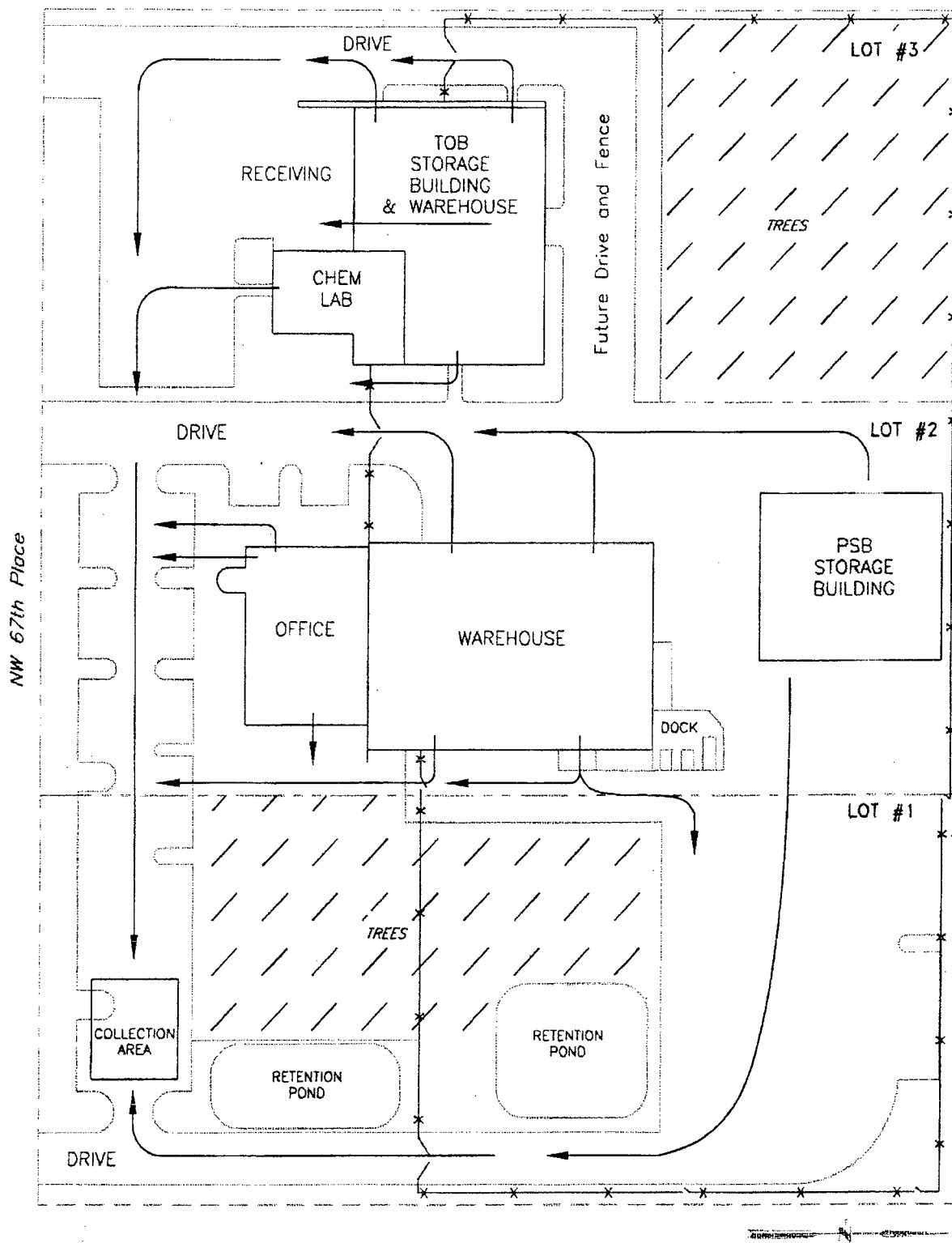
Organization: _____

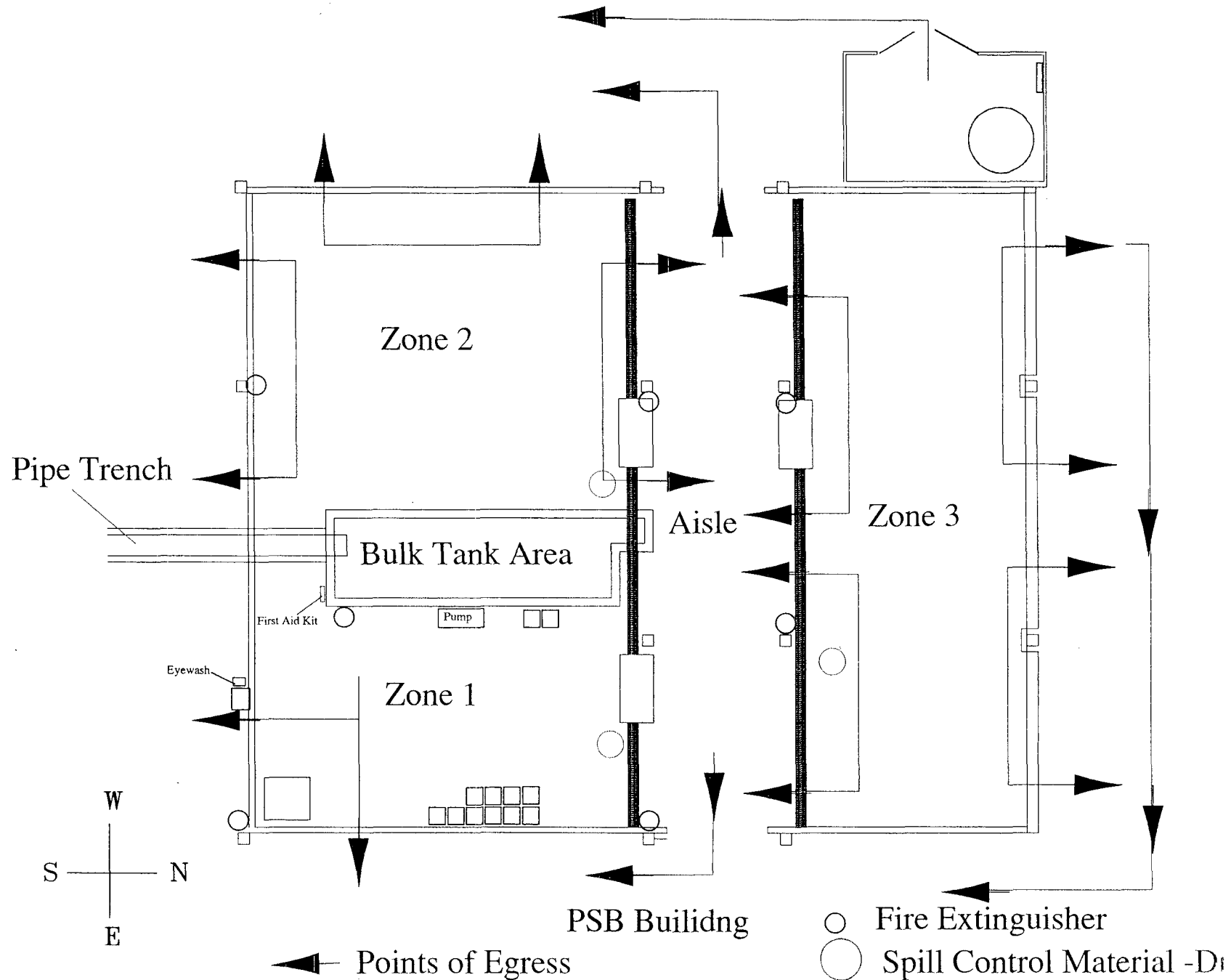
NOTE: Contingency Plan submittals and coordination agreements are required in order to document Perma-Fix of Florida, Inc.'s compliance with 40 CFR 264.37. Where state or local authorities or organizations decline to enter into emergency response agreements or arrangements, the facility owner or operator must document the refusal within the facility's operating record.

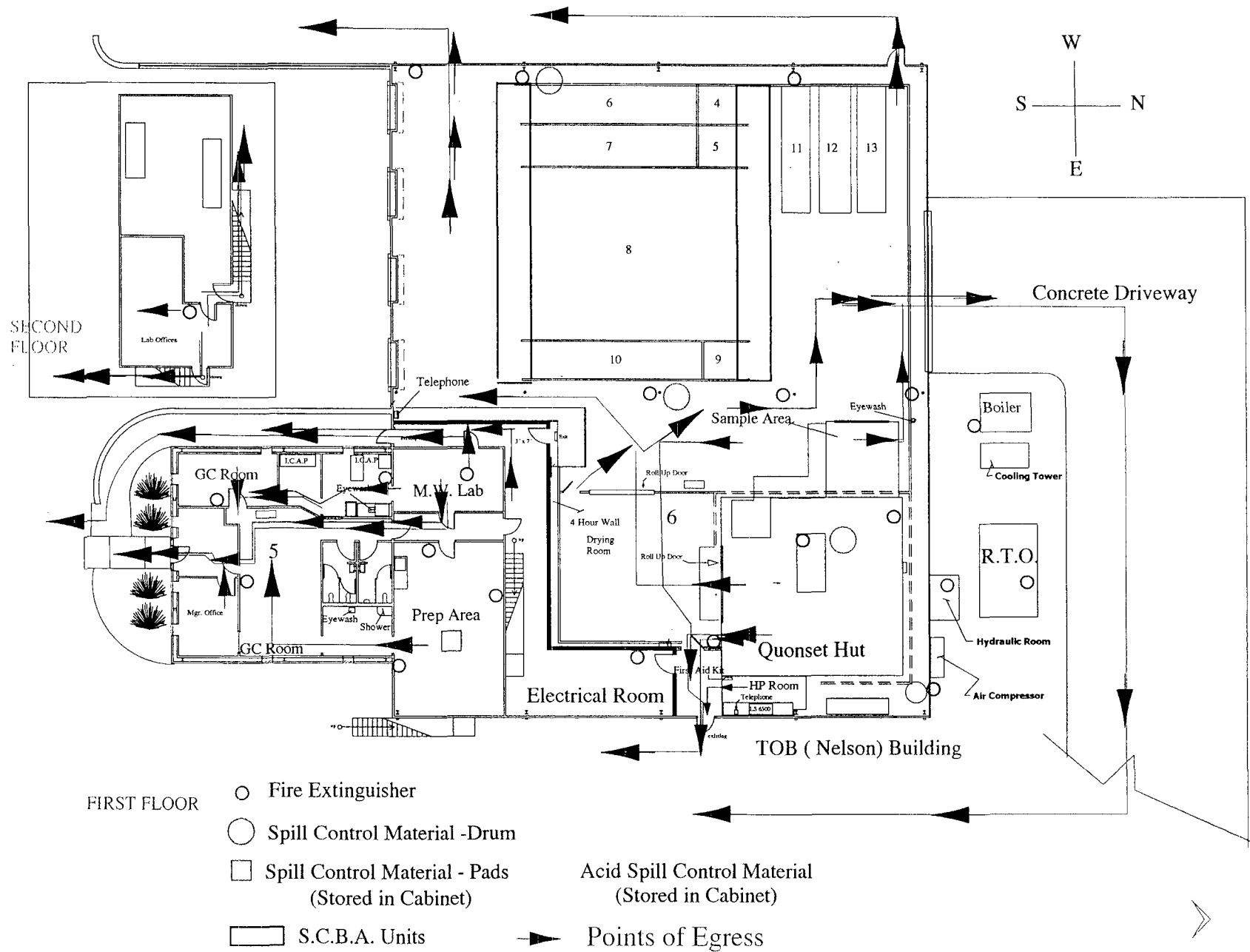
Attachment CP-8: Facility Hazard Location Map

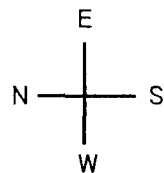
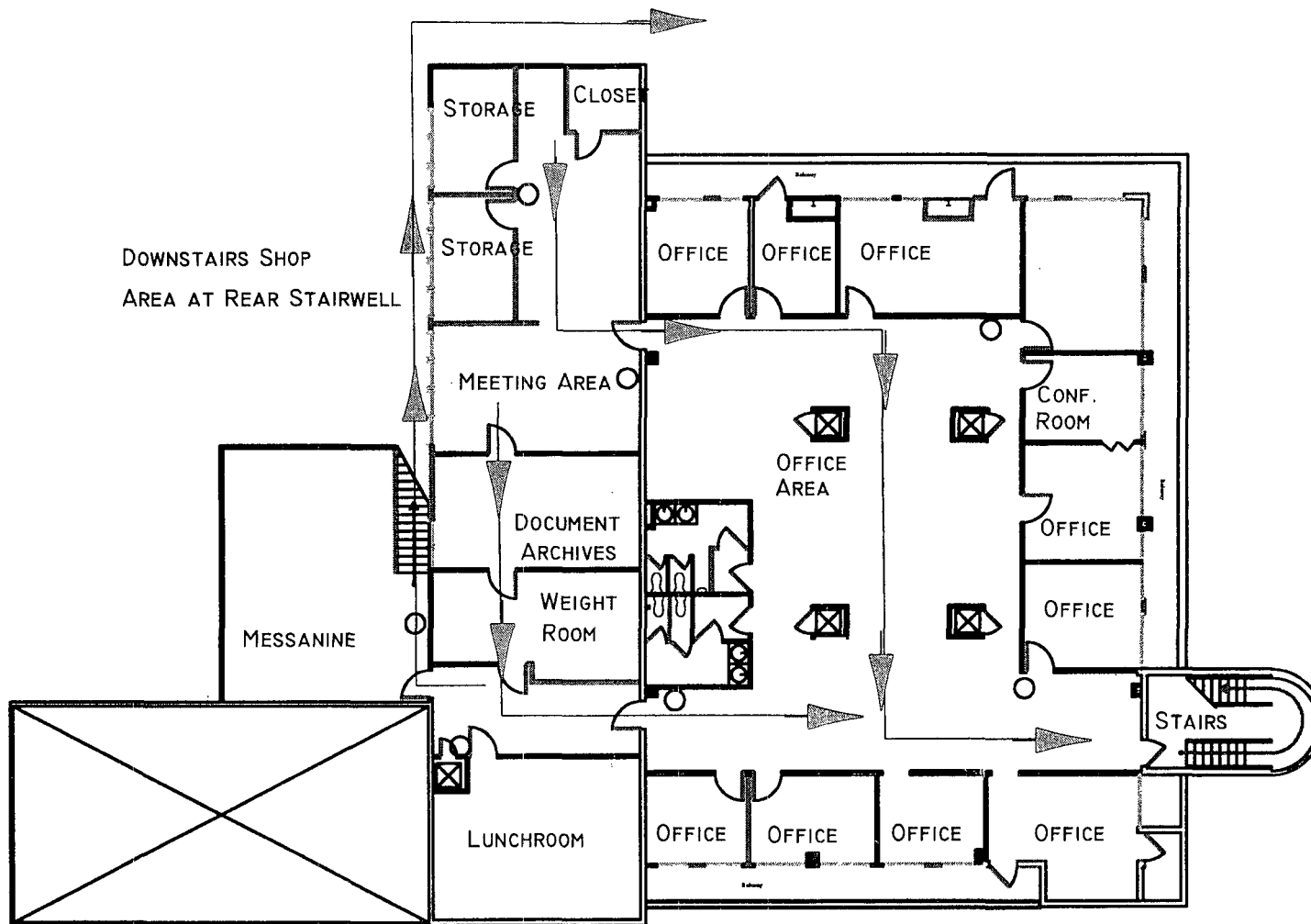


Attachment CP-7: Emergency Evacuation Route Map





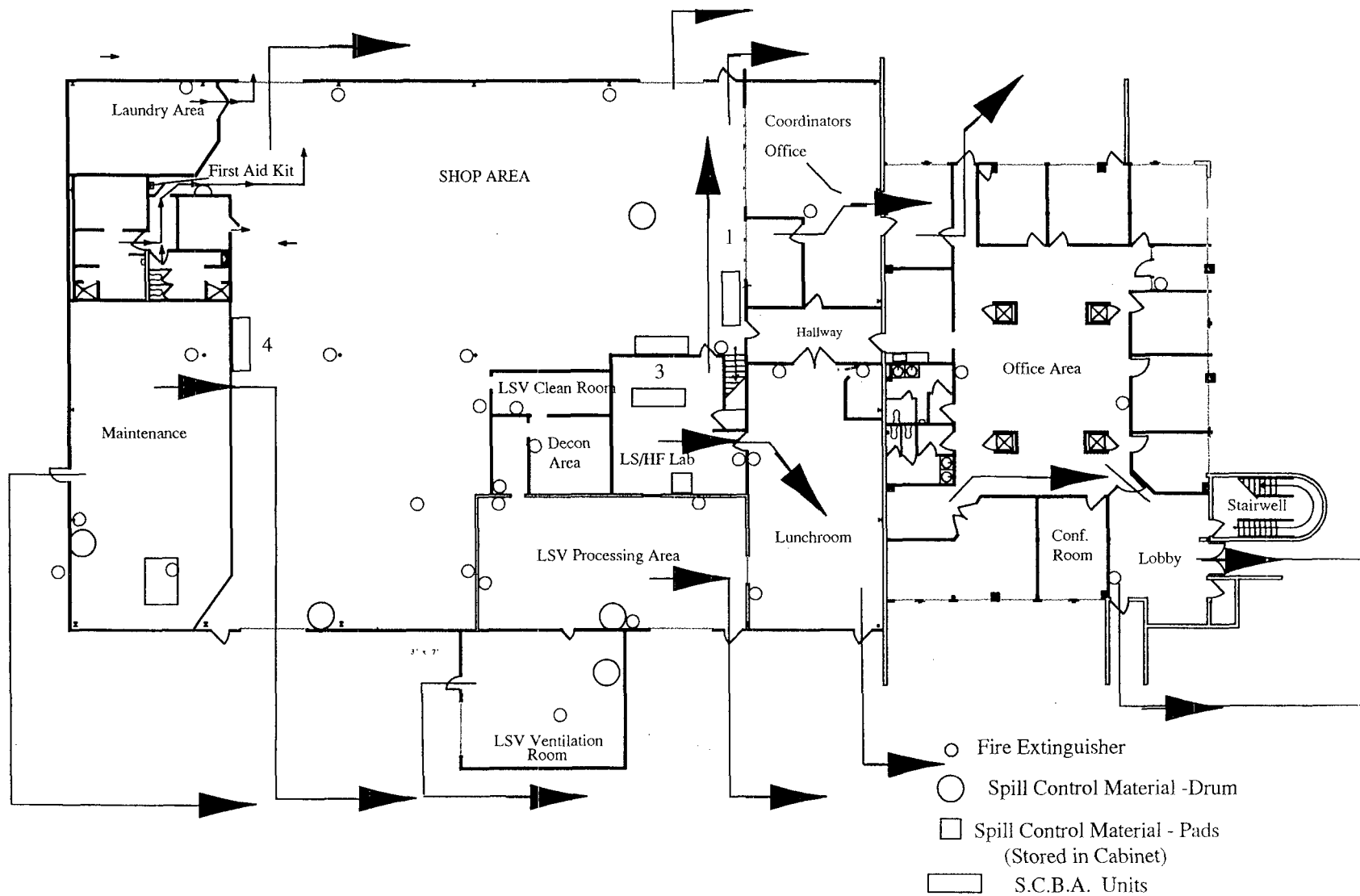




1940 NW 67TH - UPSTAIRS OFFICES

○ FIRE EXTINGUISHERS

▲ POINTS OF EGRESS



1940 NW 67TH - DOWNSTAIRS OFFICES AND PROCESS AREAS

Points of Egress

Attachment CP-6: Emergency Equipment Location Maps
(Breakdown of CP-7)

- a: Downstairs Offices and Process Areas
- b: Upstairs Offices
- c: TOB (Nelson) Building
- d: PSB Building

Do Not Duplicate

Attachment CP-5: Emergency Equipment List

<u>Item</u>	<u>Description/Capability</u>	<u>Location(s)</u>
Telephone	Telephone communication for emergency notification	Waste Areas, Laboratory and Other General Locations
Fire Extinguishers	Dry chemical, CO ₂ , extinguish fires	Throughout Facility, Admin & Processing
Fire Hydrant	Fire hydrants - combat fire	Southwest corner of Process and Storage Building
Absorbent Material	Vermiculite and absorbent material in spill kits-absorbs liquid spills	Waste Treatment Areas, Container Storage and Tank Storage Areas
Respirators	Full-face chemical cartridge, Self Contained Breathing Apparatus (SCBA)	Waste Treatment Areas, Laboratory, Main Building Storage Areas
Eye Wash	Permanent installation and portable eye wash bottles - flush eyes	Waste Treatment Areas, Laboratory
First Aid Kits	Band-Aids, bandages- provide minor first aid	Laboratory, Shop and Other Locations
Fork Lift(s)	Multiple units: 5, 6, 15 thousand pound capacity	Designated Equipment, Parking Area Adjacent to Container Storage
Bobcat	Small, bucketed, material handling machine	Outside Maintenance - West Side
Automatic Fire Suppression	Fire sprinkler system, AFFF system (in LSV PSB, TOB) Wet sprinkler system through remainder of building areas.	Entire Facility
Protective Aprons & Gloves	Cloth, Tyvek, Rubber or Nitrile-Body Protection	Waste Management Areas & Maintenance Area
Safety Glasses	Personal Protective Eyewear-Issued to Employees	All Operational Areas
Emergency Exit Lighting & Signs	Emergency Egress Equipment	Throughout Administrative Offices, Lab, Waste Management Areas
Portable Radios and/or Cellular Phones	Communication Devices	Emergency Coordinators, Process Technicians
Spill Kit(s)	Clean Up Minor Spills	Each Waste Management Area

Attachment CP-4: Emergency Notification Information

In the event of an emergency which could threaten human health or the environment outside of PFF, the General Manager or Emergency Coordinator shall immediately notify:

State of Florida Department of Environmental Protection

State Warning Point

1-800-320-0519 (24 hours)

and

Alachua County Environmental Protection Department

(352) 264-6800 (24 hours)

To report a reportable quantity spill or release of a listed hazardous material, the PFF General Manager or Emergency Coordinator shall immediately notify:

National Response Center (NRC)

800-424-8802 (24 hours)

or

State Warning Point Number

1-800-320-0519

If unsuccessful in reporting to the above numbers, call:

U.S. Environmental Protection Agency, Region 4, Atlanta, GA

Emergency Response Center

(404) 562-8700 (24 hours)

Within 15 days after the incident, send written report to:

State of Florida Department of Environmental Protection

7825 Baymeadows Way, Suite 200B

Jacksonville, Florida 32256

Attention: Northeast District Manager

ADDITIONAL OUTSIDE ORGANIZATIONS:

Police Departments:

Gainesville Police Department

Alachua County Sheriff's Office

Fire & Rescue:

Gainesville Fire & Rescue Department

Hospital:

North Florida Regional Medical Center

Local Emergency Planning Committee:

North Central Florida LEPC

Do Not Duplicate

Attachment CP-3 (continued)

STEP	ACTION																										
	<table border="1"> <tr> <td data-bbox="674 336 728 368">b</td><td data-bbox="728 336 1460 442">Sound alarm. The alarm should alert the Emergency Coordinator. If after hours, contact Emergency Coordinator using phone number in Attachment CP-1.</td></tr> <tr> <td data-bbox="674 442 728 474">c</td><td data-bbox="728 442 1460 517">Follow the specific instructions of the Emergency Coordinator, including evacuation of the area (if required).</td></tr> <tr> <td data-bbox="674 517 728 549">d</td><td data-bbox="728 517 1460 623">If it is safe to do so, stop the flow of the released material by closing valves, shutting off pumps, or rotating or "overpacking" ruptured containers.</td></tr> <tr> <td data-bbox="674 623 728 655">e</td><td data-bbox="728 623 1460 697">All loading and transfer activities in the area are to be ceased.</td></tr> <tr> <td data-bbox="674 697 728 729">f</td><td data-bbox="728 697 1460 1102"> Contain the spill as much as possible using the following equipment: <ul style="list-style-type: none"> - Absorbent booms: Use these in tandem (one place a few inches behind the other) to help control the flow of the material. - Use other absorbent materials: Use a commercial absorbent to soak up spills. - Empty 55-gallon drums can be turned on their sides and rolled to create an "instant" dike. - Use mechanical means: Ditch and shovels, if applicable. </td></tr> <tr> <td data-bbox="674 1102 728 1134">g</td><td data-bbox="728 1102 1460 1208">If there is a need for outside help, the Emergency Coordinator will contact the appropriate local authority, agency or remediation contractor.</td></tr> <tr> <td data-bbox="674 1208 728 1240">h</td><td data-bbox="728 1208 1460 1261">Pump free liquids into containers, drums <u>or</u> tanker trucks.</td></tr> <tr> <td data-bbox="674 1261 728 1293">i</td><td data-bbox="728 1261 1460 1336">Collect all contaminated absorbent and place in closed and labeled containers.</td></tr> <tr> <td data-bbox="674 1336 728 1368">j</td><td data-bbox="728 1336 1460 1400">If directed by the Facility Radiation Safety Officer, survey all affected areas and materials for radiation.</td></tr> <tr> <td data-bbox="674 1400 728 1432">k</td><td data-bbox="728 1400 1460 1453">Begin equipment and area clean-up.</td></tr> <tr> <td data-bbox="674 1453 728 1485">l</td><td data-bbox="728 1453 1460 1495">Arrange for proper management of remediation waste.</td></tr> <tr> <td data-bbox="674 1495 728 1527">m</td><td data-bbox="728 1495 1460 1559">Complete a written description of the event while details are still fresh.</td></tr> <tr> <td data-bbox="674 1559 728 1591">n</td><td data-bbox="728 1559 1460 1634">Refer to Attachment CP-4 to complete reporting requirements, if applicable.</td></tr> </table>	b	Sound alarm. The alarm should alert the Emergency Coordinator. If after hours, contact Emergency Coordinator using phone number in Attachment CP-1.	c	Follow the specific instructions of the Emergency Coordinator, including evacuation of the area (if required).	d	If it is safe to do so, stop the flow of the released material by closing valves, shutting off pumps, or rotating or "overpacking" ruptured containers.	e	All loading and transfer activities in the area are to be ceased.	f	Contain the spill as much as possible using the following equipment: <ul style="list-style-type: none"> - Absorbent booms: Use these in tandem (one place a few inches behind the other) to help control the flow of the material. - Use other absorbent materials: Use a commercial absorbent to soak up spills. - Empty 55-gallon drums can be turned on their sides and rolled to create an "instant" dike. - Use mechanical means: Ditch and shovels, if applicable. 	g	If there is a need for outside help, the Emergency Coordinator will contact the appropriate local authority, agency or remediation contractor.	h	Pump free liquids into containers, drums <u>or</u> tanker trucks.	i	Collect all contaminated absorbent and place in closed and labeled containers.	j	If directed by the Facility Radiation Safety Officer, survey all affected areas and materials for radiation.	k	Begin equipment and area clean-up.	l	Arrange for proper management of remediation waste.	m	Complete a written description of the event while details are still fresh.	n	Refer to Attachment CP-4 to complete reporting requirements, if applicable.
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l	Arrange for proper management of remediation waste.																										
m	Complete a written description of the event while details are still fresh.																										
n	Refer to Attachment CP-4 to complete reporting requirements, if applicable.																										
6	Notify local, state and/or federal agencies listed in Attachment CP-1, as appropriate.																										
7	If incident required implementation of the Contingency Plan, notify the FDEP that the Facility is in compliance with 40CFR264.70(h) before operations are resumed in affected areas of the Facility.																										

Attachment CP-3 (continued)

2.) Use other absorbent materials

- Use a commercial absorbent to soak up spills.
- Empty 55-gallon drums can be turned on their sides and rolled to create an "instant" dike.

3.) Use mechanical means (where applicable)

- Ditch with Shovels.
- Ditch with front end loader.

Sustained Response

- Use on-site monitoring equipment to determine safety of area.
- If there is a need for outside help, the Emergency Coordinator will contact the appropriate agency.
- Pump free liquids into containers, drums, or tanker truck.
- Collect all contaminated absorbent and place in closed and labeled containers.
- If directed by the Emergency Coordinator, survey all affected areas and materials for radiation.

Emergency Terminated

- Begin equipment and area clean-up.
- Complete a written description of the event while details are still fresh.

The following actions should be taken immediately upon discovery of a spill or release of hazardous materials within the facility:

STEP	ACTION	
1	Communicate the spill event to others.	
2	Assess the extent and magnitude and source of the event.	
3	Shut down processing operations, if necessary.	
4	Assess immediate health and safety concerns. Evacuate area if necessary.	
5	Attempt to remediate the spill/release as follows:	
	If spill is a ...	Then respond by following these steps...
	Minor spill (may occur during sampling, equipment maintenance...)	a Remediate using pads and absorbent materials.
		b Collect all contaminated absorbent and place in closed and labeled container.
		Then respond by following these steps...
		a Deny entry into any area that would jeopardize the safety of an employee.

Attachment CP-3: Emergency Response Procedure for Spill/Unplanned Release

Minor spills may occur during sampling, equipment maintenance, transfer, and treatment operations. In most cases, these spills will occur where adequate ventilation is present to dissipate any harmful vapors. These spills can generally be remediated using pads and absorbent materials.

Major spills may result from overturned containers or ruptures in storage tanks, containers, piping and hoses. Secondary spill containment has been installed at hazardous waste process and storage areas. The following actions will be taken in the event of a major spill:

Initial Response

- Assess the extent and magnitude of the event.
- No entry into any area that would jeopardize the safety of an employee will be allowed.
- Sound alarm using the intercom and by word of mouth. If after hours, contact the Emergency Coordinator using the phone numbers in CP-1 (Emergency Coordinator Contact List).
- FOLLOW THE SPECIFIC INSTRUCTIONS OF THE EMERGENCY COORDINATOR, including evacuation of the facility and surrounding areas.
- If it is safe to do so, stop the flow of the released material by closing valves, shutting off pumps, or rotating ruptured containers.
- All loading and transfer activities are to be ceased.

Spill Control Procedure

- Close all storm water effluent gates.
- Contain the spill as much as possible using the following equipment:
 - 1.) Absorbent booms
 - Use these in tandem (one placed a few inches behind the other) to help control the flow of the material.
 - Absorbent booms should be used on any surface water that could be contaminated.

STEP	ACTION
------	--------

If the fire is a...	Then respond by following these steps...	
Small isolated fire (i.e., one that can be extinguished without outside assistance)	a	Attempt to use fire extinguishers to control the fire.
	b	Use dry chemical, foam or CO ₂ , fire extinguishers for fighting fires. Do not use water on electrical fire or liquid fires. <ul style="list-style-type: none"> • Class C extinguishers: For use on electrical fires • Class B extinguishers: For use on flammable liquid fires.
	c	Direct the stream from the extinguisher at the base of the fire from upwind and the sides. Do not stand down gradient of the fire.
	d	If efforts to extinguish the fire are not immediately effective, the Emergency Coordinator should contact the following as necessary: <ul style="list-style-type: none"> • Gainesville Police Department 911 • Gainesville Fire Department & Rescue (352) 334-2586
	e	After the fire is extinguished, the Emergency Coordinator must conduct an inspection before resuming operations.
	f	Prepare a fire report.

5	Refer to Attachment CP-4 for reporting requirements (if applicable).
6	If incident required implementation of the Contingency Plan, then notify the Florida DEP that the Facility is in compliance with 40 CFR 264.70(h) before operations are resumed in affected areas of the facility.

The following actions should be taken immediately upon discovery of a fire anywhere within the facility's processing areas.

STEP	ACTION
1	Sound alarm and quickly evaluate the extent of the emergency. The alarm should alert the Emergency Coordinator. If after hours, contact Emergency Coordinate using phone numbers in CP-1 posted by phone.
2	If the situation allows it, actuate the kill switch to disconnect the power to all process equipment. This should stop the flow of potentially ignitable and/or reactive materials. Lights should remain on inside the process area.
3	Follow the specific instructions of the Emergency Coordinator who will direct any internal efforts to contain, control or extinguish the fire, if the Emergency Coordinator is present.
4	If Emergency Coordinator is not present, attempt to contain the fire as follows, otherwise Emergency Coordinator will conduct evaluation:

If the fire is a...	Then respond by following these steps...	
Large fire (i.e., it cannot be extinguished without outside assistance)	a	Call the Fire Department – 911
	b	The Emergency Coordinator should contact the following as necessary: Gainesville Police Department 911 Gainesville Fire Department & Rescue (352) 334-2586
	c	Evacuate the affected area to the designated evacuation assembly area.
	d	If the situation allows it, prevent the spread of fire beyond the immediate area using fire extinguishers until outside assistance arrives.
	e	Follow directions given by ranking fire official.
	f	If hazardous materials are involved in the fire, provide the MSDS or chemical information for the materials to the Fire Department.
	g	After the fire is extinguished, the Emergency Coordinator should evaluate the situation and determine whether an emergency response contractor is needed for environmental cleanup.
	h	Resume operations only after the fire department and Emergency Coordinator have made a full inspection and have determined that the area is fit for restarting operations.
	i	Make proper notifications and prepare a written report regarding the incident.

Attachment CP-2: Emergency Procedures for Fire and Explosion

Initial Response

- Assess the extent and magnitude of the event
- No entry into any area that would jeopardize the safety of an employee will be allowed.
- Sound alarm using the intercom and by word of mouth. If after hours, contact the Emergency Coordinator using the phone numbers in CP-1 (Emergency Coordinator Contact List).
- FOLLOW THE SPECIFIC INSTRUCTIONS OF THE EMERGENCY COORDINATOR, including evacuation of the Facility and surrounding areas.

Fire Fighting Procedures

- Begin using the nearest available portable fire extinguisher.
- Stop the flow of ignitable and/or reactive material, if possible.
- Second person on scene should go for one or more additional portable fire extinguishers.
- If scope of incident exceeds capabilities of portable extinguishing equipment, activate dedicated fire suppression system.

Sustained Response

- Use proper personal protective equipment.
- Use available monitoring equipment to assess safety of area.
- Be alert for wind shifts or other weather changes.

Fire Department Guidance

- The Emergency Coordinator will provide the Fire Department with guidance on the location of ignitable, corrosive, reactive and toxic material in the Facility.
- Due to the potential for contaminant runoff, use only as much water as absolutely necessary.
- Allow only emergency vehicles into the Facility during the emergency.

Containment and Cleanup

- Contain any spilled material or contaminated water using absorbent or booms.
- Pump free liquids into containers or a tank truck
- Collect all contaminated absorbent and place in closed and labeled containers.
- If directed by the Emergency Coordinator, survey all affected areas and materials for radiation.

Emergency Terminated

- Begin equipment and area cleanup.
- Complete a written description of the event while details are still fresh.

Attachment CP-1: Emergency Coordinators

Primary Emergency Coordinator

Name: **Raymond Whittle ******
Position/Title: General Manager
Work Telephone Number: (352) 395-1353/373-6066
Home Telephone Number: (904) 964-7475
Pager Number: (352) 413-3398
Mobile Phone: (904) 966-7322

Alternate Emergency Coordinators

Name: **Ken Shoemake *****
Position/Title: EH&S Manager
Work Telephone Number: (352) 395-1356/373-6066
Home Telephone Number: (352) 472-0012
Mobile Phone: (352) 317-4455
Pager Number: (352) 413-1359

Name: **Dwayne Singleton ****
Position/Title: Site Coordinator
Work Telephone Number: (352) 395-1362/373-6066
Home Telephone Number: (352) 376-9624
Pager Number: (352) 413-1746

Name: **Randy Self ***
Position/Title: Treatment Coordinator
Work Telephone Number: (352) 395-1368/373-6066
Home Telephone Number: (352) 371-1766
Pager Number: (352) 413-1301

Name: **Andy Owens ******
Position/Title: Quality Assurance Manager
Work Telephone Number: (352) 395-1357/373-6066
Home Telephone Number: (904) 684-2520
Pager Number: (352) 413-8004

Name: **Mike Owens ******
Position/Title: Maintenance Coordinator
Work Telephone Number: (352) 395-1360/373-6066
Home Telephone Number: (904) 684-3108
Pager Number: (352) 413-1266

Do Not Duplicate

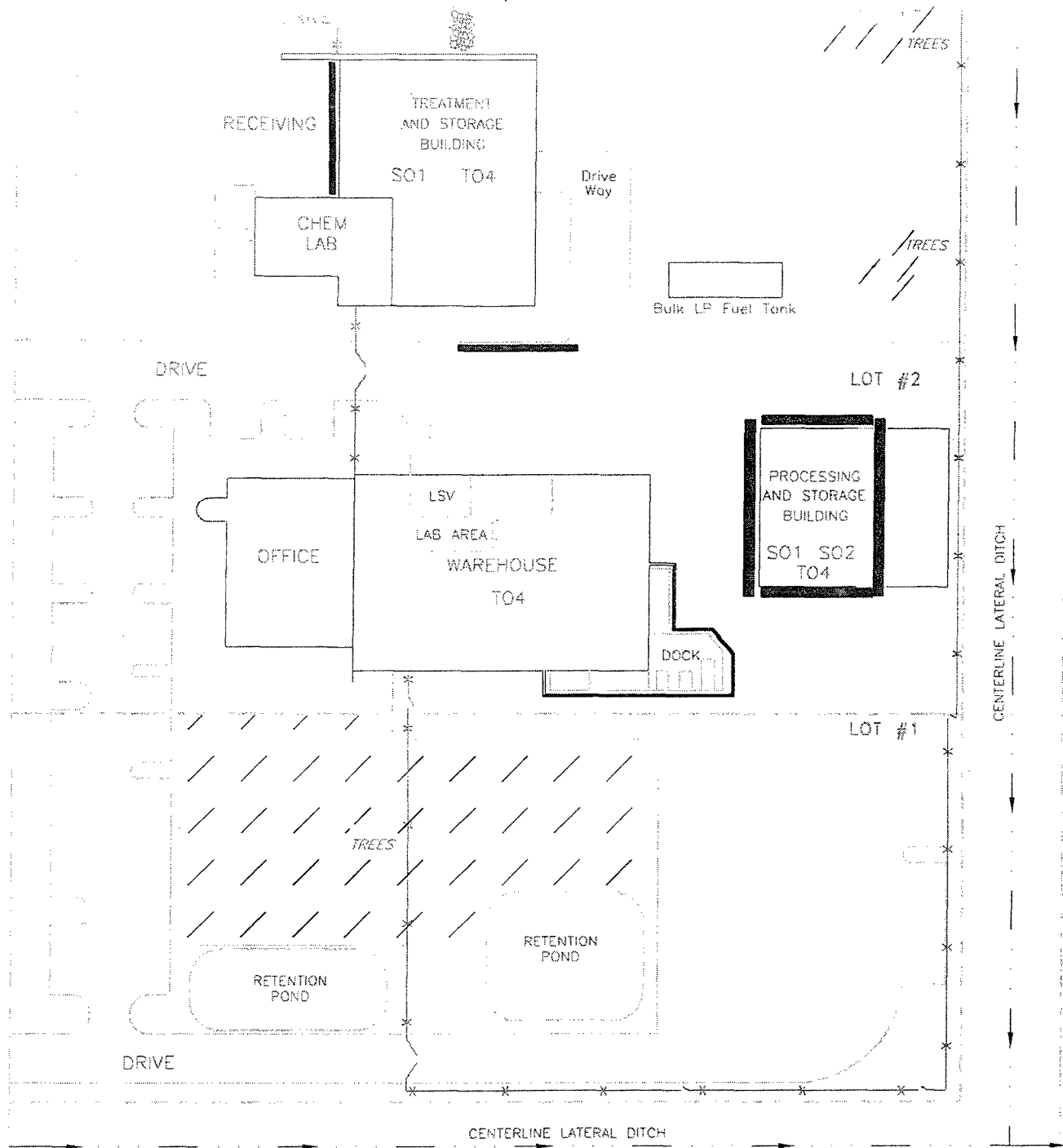
“ * “ Indicates proximity to facility, lowest number being closest to facility for response purposes.

Revised October 2001

ATTACHMENTS

To Not Duplicate

NW 67th Place



- Loading Areas
- Property Line
- Drainage Easement

- S01 Hazardous Waste Container Storage
- S02 Hazardous Waste Tank Storage
- T04 Treatment Area

CP-1 Site Plan		
PREPARED FOR: PERMA-FIX OF FLORIDA, INC. <small>1400 NW 42nd Place, Fort Lauderdale, FL 33311</small>		
DATE: 11-28-87 BY: J. H. H.	APPROVED BY: J. H. H.	SCALE: AS SHOWN NORTH:
ERMA-IX		CP-1

The Plan will be reviewed and immediately amended, if necessary, whenever:

- The Plan fails in an emergency.
- The list of emergency equipment changes.
- Changes occur in the Facility's design, construction, operating, maintenance, or other circumstances which materially increase the potential for fires, explosions, or releases of hazardous waste.
- The list of Emergency Coordinators changes.
- The Facility permit is revised.

Do Not Duplicate

- 14.3.1.6 Upon complete evacuation of the Facility, all employees will immediately assemble in the parking lot adjacent to the east side entrance (or alternate assembly location) as directed by the Emergency Coordinator. In the event that toxic or irritating gases are generated, the Emergency Coordinator shall direct further evacuation from the area to a safe upwind location. Authorized emergency response personnel remaining in the area will be required to don appropriate personal protective equipment.
- 14.3.1.7 The Head Count (H.C.) or designee shall account for all PFF and Non-PFF personnel by using a current telephone list and sign-in roster and shall communicate by radio to Emergency Coordinators when an issue of accountability exists. The radio is located by the downstairs fax machine. (VERIFY RADIO IS SET TO CHANNEL 2). Once all personnel have been accounted for, the H.C. will then report personnel accountability to the GM.
- 14.3.1.8 All employees will remain at the assembly point location until instructed otherwise by the Emergency Coordinator or outside agencies.
- 14.3.1.9 The Emergency Coordinator will advise the appropriate responding agencies if there is a need for the evacuation of the surrounding area.

15.0 REQUIRED REPORTS

The time, date and details of any incident that requires implementation of the Plan will be documented in within 15 days after an incident, a written report will be submitted to the Florida Department of Environmental Protection. The report will include:

- (1) Name, address and telephone number of the owner or operator;
- (2) Name, address and telephone number of PFF;
- (3) Date, time and nature of incident (e.g., fire, explosion);
- (4) Name and quantity of material(s) involved;
- (5) The extent of injuries, if any;
- (6) An assessment of actual or potential hazards to human health or impacts to the environment, where applicable; and
- (7) Estimated quantity and disposition of recovered material that resulted from the incident.

After an incident that requires implementation of the Contingency plan [in accordance with the requirements of 40 CFR 264.70(i)], PFF will notify the Florida Department of Environmental Protection and appropriate local authorities that the facility is in compliance with the requirements of 40 CFR 264.70(h) prior to resumption of operations in the affected portions of the facility.

14.3 Bomb Threat

If a bomb threat is received by the Facility, all employees are instructed to evacuate the PFF Facility via either primary or secondary evacuation routes, as instructed. All employees will evacuate and proceed to either the primary or secondary assembly area as instructed for an attendance count. Employees shall remain at the assembly location until the ranking police official has given clearance and the Emergency Coordinator.

14.3.1 Procedure

14.3.1.1 Signals. An internal announcement is broadcasted using the telephone public address system. All personnel and employees are instructed to evacuate the Facility through the front door or closest exit, excluding those near the LSV processing area..

14.3.1.2 The Emergency Coordinator or designee will make the Announcement by dialing 80 (eight-zero) on the telephone and saying:

ATTENTION !! "THE PERMA-FIX EMERGENCY EVACUATION SYSTEM IS NOW BEING EXECUTED. A SITUATION EXISTS REQUIRING IMMEDIATE EVACUATION OF THE FACILITY. PLEASE CALMLY EXIT THE FACILITY AND ASSEMBLE AT THE DESIGNATED AREA"

14.3.1.3 The Emergency Coordinators shall direct the evacuation. In the event of an issue of accountability, and if conditions allow, the E.C. shall re enter the facility to locate personnel. While E.C.'s are inside the perimeter of the facility, they shall maintain radio contact with other E.C.'s and the H.C. at all times.

14.3.1.4 In a situation which does not warrant re entry by PFF Emergency Coordinators. Entry of the facility shall be performed by the local Emergency Response Authorities, with their findings communicated to onsite PFF Emergency personnel.

Primary evacuation routes have been established and are depicted on Attachment CP-7, Emergency Evacuation Route Map. Additionally, secondary evacuation routes have been established in order to provide employees with an alternate route to the assembly location so that an attendance count may be taken. Secondary routes are utilized in the event that primary routes are unusable due to fire, heat, smoke, fumes or asphyxiating gases. Attachment CP-8 illustrates the areas where potential facility hazard locations could exist.

14.3.1.5 Evacuation Route Maps are posted at strategic locations throughout the Facility in order to guide employees to assembly locations by illustrating the established primary and secondary evacuation routes.

		<u>TRESPASS</u> <ul style="list-style-type: none"> • Emergency Coordinator & Operations Personnel check for tampering, theft, etc. • Resecure facility
* <i>Written reports and additional agency notifications may be required beyond those emergency notifications listed above (e.g., RQ report, or hazardous waste tank release, etc.).</i>		

14.0 **EVACUATION PLAN**

Potential emergencies requiring evacuation from hazardous waste management areas are primarily fire hazards and the potentially associated release of toxic, irritating or asphyxiating gas/fumes or bomb threat. In either case, PFF employees will execute the procedures listed below.

All employees are trained in evacuation procedures. Periodic evacuation drills are conducted to familiarize facility personnel of the primary and secondary evacuation routes and assembly locations throughout the facility. Evacuation routes are shown on Attachment CP-7, Emergency Evacuation Route Map.

Criteria for implementation of the PFF evacuation plan include the following scenarios and potential emergency situations:

14.1 **Fire and Explosion**

All Facility employees are trained in PFF's evacuation plan procedures in the event of a fire or explosion. Employees are instructed to evacuate the facility using either primary or alternate emergency evacuation routes, as instructed. Employees shall remain at the assembly location until the ranking fire official and Emergency Coordinator have given clearance, unless conditions warrant an off-site evacuation.

14.2 **Release of Toxic, Irritating or Asphyxiating Gases or Fumes**

A remote possibility exists for the release of gases or fumes which may cause toxic, irritating or asphyxiating effects on Facility employees. Employees are instructed to evacuate the Facility and proceed to the designated assembly point for attendance counts. If the primary evacuation routes and assembly point are unusable due to encroaching gases or fumes, employees shall use the secondary evacuation routes and assembly point, depending on wind direction or dispersal of fumes or gases. Employees shall remain at the assembly location until clearance has been given by either the Emergency Coordinator or ranking emergency official, unless conditions warrant an off-site evacuation.

Facility Operating Record: Records or documents, which pertain to functions that relate either directly or indirectly to meeting commitments within our permits and licenses (i.e.: training records, OSHA 300 log, facility inspection documents, written correspondences to regulatory agencies, etc.).

The following table summarizes those notifications and actions that should be undertaken in response to emergency situations that could arise at the Facility.

IN CASE OF A	THEN NOTIFY	SIMULTANEOUS ACTIONS
Fire or Explosion	Gainesville Fire Department & Rescue Call 911, or (352) 334-2586	<ul style="list-style-type: none"> • Evacuate Facility employees to assembly location • Take attendance for missing persons • Emergency Coordinator assists ranking Fire official
Release of harmful or toxic gases or fumes	Gainesville Fire Department & Rescue Call 911, or (352) 334-2586	<ul style="list-style-type: none"> • Evacuate facility employees to upwind assembly location • Take attendance for missing persons • Emergency Coordinator assists ranking Fire official
Spill or release of hazardous materials or hazardous wastes	Local Hazardous Materials Response Team (Gainesville Fire Department) Call 911, or (352) 334-2586 <u>OR</u> Florida DEP State Warning Point 800-320-0519 (24 hours)	<ul style="list-style-type: none"> • Evacuate facility employees to Assembly Location (as required) • Take attendance for missing persons (if required) • Emergency Coordinator(s) evaluate the situation and potential hazards • Either coordinate in-house spill response (minor spills) <u>or</u> contact outside responders major spills)
Bomb threat or unauthorized trespass	Gainesville Police Department Call 911, or (352) 955-1818 <u>OR</u> Alachua County Sheriff's Office Call (352) 955-1818	<u>BOMB THREAT</u> <ul style="list-style-type: none"> • Evacuate Facility employees to assembly location • Take attendance for missing persons • Emergency Coordinator assists ranking police official

pumped from the tank into containers, or directly into a tanker truck. The tank will then be assessed by a Florida registered professional engineer and either repaired or closed in accordance with the approved closure plan contained in the Facility's Part B permit.

The Perma-Fix® II system is also equipped with secondary containment. Spills will be managed in the same manner as tank releases discussed above. Incidental spills will be removed in a timely manner. Additionally, these areas are subject to routine daily inspections in order to facilitate the detection and timely response to leaking containers or accumulated liquids.

12.0 COORDINATION AGREEMENTS

Arrangements have been made with the following state and local authorities to provide emergency assistance to the facility:

<u>NAME OF ORGANIZATION</u>	<u>FUNCTION</u>
• City of Gainesville Fire and Rescue Department	• Respond to fires, explosions, spills or releases
• City of Gainesville Police Department	• Primary responder for plant security & traffic control
• Alachua County Sheriff's Office	• Secondary responder for plant security & traffic control
• North Florida Regional Medical Center	• Emergency medical treatment
• State of Florida DEP Emergency Response Unit	• Assist in emergency response coordination efforts

Coordination agreements are intended to document each emergency response organization's ability and willingness to assist the PFF facility in the event of an emergency incident.

Complete copies of the current Plan have been sent to the local police and fire departments, nearby hospital, emergency response contractor, and state and local emergency response teams to familiarize them with the facility and those actions needed in case of an emergency. Documentation indicating that a copy of the plan has been submitted to these organizations is maintained in the Facility Operating Record. Also, documentation of each organization's acceptance or refusal to enter into a coordination agreement is maintained in the Facility operating record. Example copies of these documents are provided as Attachments CP-9 and CP-10 respectively.

Whenever the Plan is amended, copies of the amendments will be provided to these organizations. The invitation for site inspections will be offered whenever there are significant changes to PFF operations, or annually.

13.0 COORDINATION OF EMERGENCY SERVICES*

This section of the contingency plan identifies outside organizations that are available for emergency response services. Written agreements with these organizations are maintained in the Facility Operating Record. These service agencies and organizations are to be summoned only by the PFF Emergency Coordinator or his/her alternate.

Corrosive materials will be neutralized in place, then absorbed and containerized. All others will be absorbed (if liquid) and containerized, followed by waste characterization, and if necessary, analysis and shipment off-site for disposal. Large volumes of liquids may be pumped into containers or tanker trucks for appropriate management.

8.0 INCOMPATIBLE WASTE

The Emergency Coordinator will ensure that (in the affected area(s) of the Facility) all waste that may be incompatible with the released material is treated, stored or disposed of until clean-up procedures are completed. Depending on the situation, this may require isolation of certain classes of material on-site, or loading and shipping certain classes of material off site.

9.0 POST-EMERGENCY EQUIPMENT MAINTENANCE

All emergency equipment listed in Attachment CP-5 will be replenished or cleaned and inspected for integrity before operations are resumed. The FDEP (see Section 15) and the local response authorities will be notified when emergency equipment and supplies are replenished and operations resume.

After an incident, all emergency equipment listed in this Contingency Plan will be cleaned and fit for its intended use before operations are resumed (i.e., equipment used for emergency response will be decontaminated by steam cleaning, water washing or other appropriate method, used fire extinguishers re-charged, depleted supplies restocked, etc.). Appropriate decontamination methods will be chosen based on manufacturers recommendation and/or the type/quantity of contamination present. Disposable equipment will be properly managed and decontamination residues will be managed in accordance with 40 CFR 262.34.

10.0 CONTAINER SPILL AND LEAKAGE

Leaking containers will be over packed into non-leaking secondary containers until processed; or the material in the leaking container will be transferred into another appropriate DOT container. No attempt will be made to repair leaking containers. Waste which leaked from the container will be absorbed and managed and disposed of as hazardous waste.

The Perma-Fix process will be conducted in an area equipped with secondary containment and debris treatment as well as container treatment activities will be conducted within secondary containment. Spills will be managed in the same manner as tank releases discussed above. Incidental spills will be removed from containment upon detection. Containment areas are subject to routine inspections in order to facilitate the detection and timely response to leaking containers or accumulated liquids.

11.0 TANK SPILLS AND LEAKAGE

The bulk storage tank at the Facility is located within secondary containment. Spills will be absorbed and managed as hazardous waste for proper disposal. If the tank itself develops a leak, the remaining waste will be

5.0 PREVENTION OF RECURRENCE OR SPREAD OF FIRES, EXPLOSIONS OR RELEASES

In the event of a fire, explosion or release, transfer pumps, electric motors, heating units, mixing equipment and other equipment items will be shut off to eliminate the possibility of recurrence. The Emergency Coordinator, as necessary, institutes this. The storage tank is equipped with a high-level alarm system to prevent overfilling. The proper functioning of this system also will mitigate the possibility of a recurrent emergency situation. The automatic power shut-off system for the Perma-Fix® II process line will minimize the potential for recurrence of any fire, explosion or release.

Plant personnel will tour affected areas of the Facility on a two-hour schedule frequency, inspecting for possible recurrences of fire or material release until the "all clear" determination has been announced.

6.0 STORAGE AND TREATMENT OF RELEASED MATERIAL

If PFF halts operations in response to a fire, explosion or release, the Emergency Coordinator must monitor for potential leaks, pressure buildup, gas generation or ruptures in valves, pipes or other equipment, wherever appropriate.

Immediately after an emergency, the Emergency Coordinator must provide for the treatment, storage or disposal of recovered waste, contaminated soil or surface water, or any other material that results from a release, fire or explosion at PFF. If the recovered material cannot be processed on-site, it will be characterized and disposed of properly in an approved off-site hazardous or non-hazardous waste management Facility, as applicable. Collected waste, contaminated soil/surface water, or other material resulting from release response will be designated a storage area (prior to treatment on-site or shipment off-site) based on the identity of the waste and conditions at the facility. In most cases, the material will be containerized and stored in container storage areas used for management of the original waste. If incident conditions preclude storage in standard storage areas, temporary areas will be designated in accordance with the requirements of 40 CFR 262.34. In some cases, liquid waste may be collected directly onto a tanker and shipped off-site for proper disposal.

7.0 EMERGENCY EQUIPMENT

A list of emergency equipment available on-site is provided in Attachment CP-5, Emergency Equipment List. Locations of the facility's emergency equipment are shown on CP-6, Emergency Equipment Locator Map. Available equipment includes fire extinguishers, portable pumps, forklift, containers, shovels, brooms and absorbent.

The Emergency Coordinator will supervise facility personnel in the clean up and treatment of hazardous wastes after the emergency is mitigated. If an outside emergency response/cleanup contractor is required, the Emergency Coordinator will interface with the outside contractor to ensure proper response or cleanup in accordance with procedures in the contingency plan and our permits and licenses.

In the event of a power failure, all transfer pumps and treatment operations will stop. Existing automatic valves inherent in the design of the fluid transfer pumping equipment prevents reversal of flow in the LSV transfer lines. The container storage facilities and conveyors in the LSV area are not rendered unsafe during a power failure. The Emergency Coordinator (s) and facility maintenance personnel will survey potential damage resulting from a loss of power. Equipment will be repaired immediately after power is restored or as soon as possible. If equipment is beyond repair, it will be properly disposed or managed as scrap. If power failure occurs during Perma-Fix process operations, the operator will remove mixing equipment from the container and will close the container. No run-away reactions will occur as a result of suspension of the Perma-Fix process. Equipment damage would not be anticipated as a result of a power outage.

In the event of a power failure, all operations in the Perma-Fix® II process line will be discontinued. The system is manually loaded and unloaded so backflow or unintended unloading of material will not occur. The process line (including the heating system) will automatically shut off and is not configured to automatically restart by design (i.e., in the event of a power failure, upon system shut-down, manual operator interface is required for reactivation of equipment). Power failure will not be a factor for container treatment operations since these operations are manually operated. Therefore, in the event of a power failure, the process will be shutdown and all container(s) will be closed until safe processing can be resumed. No other facility operations are anticipated to potentially result in safety or damage problems if interrupted by a power outage.

Emergency exit signs and lighting are provided at critical locations throughout the facility and are supplied with battery-backup power units providing a 90-minute reserve. The Facility is not equipped with automatic emergency backup generators. However, a portable gas-powered electric generator is located on site.

Equipment failure and malfunction will be recorded in the operating record. Maintenance personnel will check and repair malfunctioning equipment as needed. Equipment and instrument calibration will be performed as needed by qualified individuals in accordance with PFF procedures to minimize the potential for equipment failure or use of equipment in an "out of calibration" condition. The facility inspection schedule and inspection log sheets provide a mechanism for inspection of tanks and accessories and minimizes the potential for equipment failure and potential releases to the environment. Most equipment failures would not result in any release of hazardous constituents to the environment. In addition, storage and treatment areas are provided with secondary containment systems designed to prevent migration of released materials to environmental media. In the event that equipment failure results in a release, the incident response procedures outlined in this CP are designed to address the most likely possible scenarios.

4.5.4.1.3 The Emergency Coordinator(s) and local authorities will be notified.

4.5.4.2 Minor Spills

Minor spills may occur during waste sampling, equipment maintenance, waste transfer, and treatment operations. Waste is managed throughout the Facility within secondary containment structures. Therefore, minor spills have minimal potential for off-site migration to the local environment. In most cases, these spills occur where adequate ventilation is present to dissipate any harmful vapors. These spills can generally be remediated using absorbent pads or materials.

4.5.4.3 Major Spills

Major spills may result from overturned containers or ruptures in the storage tank, containers, piping or hoses. Secondary spill containment has been installed at hazardous waste treatment process areas and storage locations within the Facility.

Specific instructions for responding to a spill or unplanned release at PFF are contained in Attachment CP-3, Emergency Procedures for a Spill/Unplanned Release. Attachment CP-3 includes a step-action table, which summarizes those activities that should be taken immediately upon the discovery of a spill or release in any one of the process areas (e.g., LSV processing, Perma-Fix®, Perma-Fix® II, or other treatment areas on site).

4.5.4.4 Natural Disasters

The most probable natural disasters to affect the Facility would be either a tornado or a hurricane. Warnings of approaching tornadoes and hurricanes will be received from the National Weather Service or local media. Given sufficient warning, the Facility will shut down all facility operations. All loose objects and projectile hazards will be secured, and personnel will seek shelter. If a severe weather event results in a fire, explosion or spill, control and containment efforts will begin as soon as weather conditions permit. The Emergency Coordinator(s) will activate the Contingency Plan in response to these conditions.

4.5.4.5 Bomb Threats

All bomb threats will be reported to the Emergency Coordinator or company officials and subsequently to the Gainesville Police and Fire Departments. The Facility will be evacuated and local authorities may conduct a bomb search. The Facility will remain unoccupied until the local authorities and Emergency Coordinator determine the threat no longer exists, and it is safe to return to the facility.

4.5.4.6 Power or Equipment Failure

Coordinator.

The Emergency Coordinator has the authority to notify additional PFF employees as deemed necessary to broaden his/her capabilities in making assessments by utilizing all trained personnel, specialized tools and equipment available to assess the extent and severity of an incident including:

- Photo-ionization detector
- Organic vapor analyzer
- Colorimetric tubes
- Well points and groundwater sampling equipment
- Gas chromatograph, mass spectrometer, and miscellaneous lab instruments

The Emergency Coordinator or an individual he/she designates will assess the potential environmental effects of an incident using the following criteria:

- Potential effects of gases, vapor, and smoke.
- Potential effect of water run-off from fire control.
- Potential effect of fire fighting foams or chemicals.
- Potential effect on local surface water or groundwater.
- Potential effect on human and animal health or life; inside and outside the facility.

4.5.4 Control Procedures

4.5.4.1 Fire and Explosion

All Facility employees are trained in fire prevention and response. Employees are trained to respond to small fires with portable fire extinguishers. The Gainesville Fire Department will respond to structural or large incipient fires. In addition, the entire facility is covered by an on-site fire suppression system supported by a diesel fire pump which feeds an array of wet and dry pipe systems, and can distribute an AFFF foam/water mixture at the NFPA required densities in any of PFF's admin, storage and process areas. This system is monitored 24 hours a day and also has backup power to maintain all functionality in the event of AC power failure, in accordance with local and NFPA guidelines. Specific instructions for responding to a fire or explosion at PFF are contained in Attachment CP-2, Emergency Procedures for Fire and Explosion.

In the event of fire or explosion, the following actions will be immediately taken:

- 4.5.4.1.1 All work will cease and all non-essential personnel will be evacuated to the designated assembly area.
- 4.5.4.1.2 All valves and conveyance systems in the LSV processing area, which lead to the 3,000-gallon aboveground storage tank, and those in the treatment area will be secured. All loading, processing, and unloading operations of the Perma-Fix, Perma-Fix® II system or other site operations in the affected area will be shut down.

radio to key members of the process technician team. Copies of the Contingency Plan which contains the Emergency Coordinator Contact List, are posted in several areas inside the Facility, in hardcover binders, in close proximity to processing, storage and certain administrative areas.

4.5.2 Identification of Hazardous Materials

As a precaution, all waste received at PFF is assumed to be ignitable and toxic. All smoke and fumes from fires and explosions will be assumed to be hazardous. The atmosphere around all spills will be assumed to be toxic and potentially reactive until determined to be otherwise. The Emergency Coordinator(s) or his/her alternate will make an inspection of the material(s) involved in an incident and determine the next course of action.

Whenever there is a release, fire, or explosion, the Emergency Coordinator(s) will (to the extent possible) immediately identify the character, source, amount, and aerial extent of any released materials. He / She may do this by visual observation; review of facility records, and (if necessary) by chemical analysis. Facility records available for review include manifests, operator records, truck placards, container labels, and waste analysis data on-site. The Emergency Coordinator may consider incident character (i.e., size of spill or type of incident) as well as weather conditions when coordinating response actions.

4.5.3 Hazard Assessment

As part of the facility training program, facility personnel are trained to assess the potential emergencies for which they have the capacity to respond. Facility personnel will be trained to use locally available fire extinguishers and control equipment for minor spills. If more serious events are immediately recognized or the event exceeds the capabilities of portable extinguishing or spill control equipment, the Emergency Coordinator will notify local authorities and activate the on-site Fire Suppression System to provide added coverage and /or spread prevention of the aforementioned event. Upon arrival of the local authorities, the Emergency Coordinator will provide information regarding the Facility and its materials to include when defensive measures to prevent the spread of contamination should be initiated. The on-site fire or emergency response official shall have primary control and authority during an emergency situation at PFF.

The need for partial or full evacuations of the Facility and surrounding areas will be assessed by the Emergency Coordinator and outside emergency agency personnel.

The affected employees' supervisor will assess medical emergencies. Either the Facility's local medical provider (MRO), or a local emergency medical facility will treat any employee who is injured to the extent where the injury cannot be remedied by simple first aid.

Bomb threats will be treated as actual emergency events until determined otherwise. The Gainesville Police Department will make further assessments and recommendations to the PFF Emergency

Criteria for implementation of the Contingency Plan at the facility include the following scenarios and potential emergencies:

4.1 Fires and/or Explosions

- A large fire has been discovered and the fire is not extinguished using portable fire extinguishers;
- Facility personnel have exhausted locally available fire extinguishers on a small fire and the fire continues to burn or spread;
- A fire causes the release of toxic fumes affecting the surrounding area;
- Use of water or chemical fire suppressant could result in contaminated runoff;
- An imminent danger of an explosion exists; and/or
- An explosion has occurred.

4.2 Spills or Releases

- A spill exceeds the size or seriousness that can be controlled and remediated by Facility personnel using portable equipment available in the immediate area of a spill or release; and/or
- A spill or uncontrolled reaction has caused or could cause the release of hazardous waste or hazardous waste constituents to the air, surface water, or soil.

4.3 Natural Disasters

A hurricane, tornado, or severe weather event is forecast for the immediate area of the facility or has occurred at the facility.

4.4 Bomb Threat

A bomb threat concerning the facility is received by facility personnel or by other persons who make the event known to facility personnel.

4.5 Emergency Response Procedures

4.5.1 Notification

Facility personnel will immediately notify the emergency coordinator by telephone or intercom when an actual or imminent emergency is identified. If the emergency occurs after regular business hours, the emergency coordinator (or designated alternate) will be immediately notified using the telephone numbers listed in the Emergency Coordinator Contact List (Attachment CP-1).

The Gainesville Police and Fire Department can be summoned by telephone. Telephones, which are configured for dialing an outside line, can be accessed by dialing "9." Telephones are located throughout the facility, inside each building containing hazardous waste and are also capable of facility wide notification on a dedicated paging system. Additionally, all emergency coordinators maintain contact by

Figure CP-1 is a Site Plan showing the locations of hazardous waste management areas at the Facility.

Liquid scintillation fluid (LSF) is an example of one waste stream received at PFF. LSFs are generally received in vials from off-site generators. The vials are crushed and the scintillation fluid is captured and pumped into a 3,000-gallon aboveground storage tank located in the Processing and Storage Building (see Figure CP-1). The scintillation fluid is then fuel blended and shipped off site for energy recovery. The broken vials are washed with an ethanol solvent and disposed as a non-hazardous solid waste.

Size reduction prior to other treatment activities will also be conducted in the Treatment, Operations Building-Quonset Hut area as will Perma-Fix® I. Debris washing activities will be conducted in an area within the LSV processing area, segregated for this purpose. The Perma-Fix® II Process, macroencapsulation, and solvent recycling activities will be carried out inside the Quonset Hut located in the Treatment and Operations Building. Fuel blending (bulking and de-watering) operations are conducted in the Processing and Storage Building.

Used oil is stored in the LSV Processing and Non-Hazardous Waste Storage Warehouse (see Figure CP-1) in either 55-gallon drums or 250-gallon tote containers. The used oil is fuel blended. Spent fluorescent lamps destined for recycling, and various non-hazardous wastes are also stored in the LSV Processing and Non-Hazardous Waste Storage Warehouse.

Additional information regarding facility operations relevant to contingency plan implementation is addressed in the procedures noted below.

3.0 EMERGENCY COORDINATORS

This Plan identifies a primary emergency coordinator and alternate emergency coordinators as indicated in Attachment CP-1. The individuals identified are familiar with all aspects of PFF operations, trained in Contingency Plan implementation and are capable of making appropriate decisions under emergency circumstances. The primary and alternate emergency coordinators have the authority to commit the resources of Perma-Fix of Florida, Inc. in order to implement the plan. The emergency coordinators have the authority to shut down and restart processing areas and evacuate plant personnel. An emergency coordinator will be able to reach the facility in a short period of time, should it be necessary to respond after regular business hours.

4.0 IMPLEMENTATION

The Plan will be implemented whenever an incident or emergency threatens or has the potential to threaten human health, the environment, and public or private property. The designated emergency coordinator will implement the Plan in the event of an imminent or actual emergency. The emergency coordinator will also provide coordinated assistance to the internal personnel and outside organizations responding to the emergency incident.

1.0 SCOPE AND OBJECTIVES

This Contingency Plan (hereafter referred to as "the Plan") describes an organized course of action to be taken by Facility personnel or outside organizations in response to possible hazardous waste emergencies at the Perma-Fix of Florida, Inc. facility (Facility). In addition, the Plan lists emergency equipment to be maintained on-site and designates the primary and alternate Emergency Coordinators. This plan is designed to fulfill the Resource Conservation and Recovery Act (RCRA) Subpart D requirements of 40 CFR Part 264. This plan also fulfills OSHA requirements for an "Emergency Response Program" as set forth in 29CFR1910.120(p)(8)(i).

The Plan is designed to be a stand-alone document that provides instructions and guidance for responding to Facility emergencies. The Facility was designed and will be operated in a manner to prevent spills, fires, and explosions in accordance with all permits and licenses. Personnel are trained to immediately implement and execute the Plan whenever there is an imminent or actual fire, explosion, or release of hazardous waste or hazardous waste constituents. Additionally, the Plan will be implemented in the event of natural disasters or bomb threats.

Updated copies of the Plan are posted within the Facility and maintained in the Facility operating record. Also, copies of the Plan have been supplied to the state and local agencies that may be called upon to assist in the event of an actual emergency at the Facility.

2.0 FACILITY OPERATIONS

Perma-Fix of Florida, Inc. (PFF) currently conducts a commercial waste bulking, storage and transfer facility operation at its Gainesville, Florida Facility. Waste managed on-site includes a wide variety of hazardous, industrial, mixed and non-hazardous wastes. The Facility separately blends hazardous and mixed wastes into fuels for reuse (i.e., energy recovery) in permitted, off-site incinerators, industrial furnaces, etc. The Facility also consolidates, repackages and sorts waste materials for shipment and off-site treatment and/or disposal.

Permitted activities at the Facility will include a variety of chemical and physical waste treatment activities. Specifically, PFF plans to receive, store and treat hazardous waste via thermal desorption, chemical and physical extraction (extraction methods include water washing, high pressure steam, blasting, grinding, spalling, etc.), chemical oxidation, size reduction and separation techniques, microencapsulation and macroencapsulation.

A general description of the proposed treatment operations at the Facility include the Perma-Fix® I (chemical stabilization) and Perma-Fix® II (thermal desorption/chemical oxidation) processes as well as treatment of hazardous debris in accordance with the alternative treatment standards specified in 40 CFR 268.45 (namely physical abrasion, chemical washing, and encapsulation). In addition, PFF is planning solvent recycling activities (distillation), which are exempt from RCRA permitting requirements. Complete details of these processes may be found in Part II Section I of PFF's RCRA permit application (dated November 12, 1999).

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SINGLE USE ONLY
February 17, 2003 (5:09PM)

TITLE: PERMA-FIX OF FLORIDA CONTINGENCY PLAN

PROCEDURE NO. 019C - REV. 7

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PREPARED BY: KEN SHOEMAKE, EH&S MANAGER

DATE: 2-18-03

APPROVED BY: RAYMOND WHITTLE, GENERAL MANAGER

DATE: 2-18-03

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SINGLE USE ONLY
February 17, 2003 (5:09PM)



ENVIRONMENTAL PROTECTION

Jeb Bush
Governor

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

David B. Struhs
Secretary

February 18, 2003

Mr. Ken Shoemake
Perma-Fix of Florida
1940 NW 67th Place
Gainesville, Florida 32653

Subject: Perma-Fix of Florida / FLD 980 711 071
Operating Permit 17680-006-HO
Approval of Minor Permit Modification Request

Dear Mr. Shoemake:

The Department is in receipt of your request for a minor modification of the facility's operating permit. The requested modification is to modify the restriction for container size in the Treatment and Operations Building (TOB) and Processing and Storage Building (PSB).

The modification would allow the storage of dry hazardous waste in the form of 1) treated waste (PPE, soil like material, crushed metal drums, plastic sheeting, etc.) in storage prior to shipment to a permitted disposal facility or 2) incoming waste for treatment such as dry active waste (DAW), lead items (lead sheets, ingots, radioactive source shields, etc.), radioactively contaminated machinery, etc. The storage container for these items would be B-25 containers that would be located in zones 2 and 3 of the Processing and Storage Building (PSB) and in zone 8 of the Treatment and Operations Building (TOB). The storage of the B-25 containers shall be taken into account when maintaining the requirements for secondary containment.

Having reviewed your request, and having received the appropriate fee, the Department hereby approves the requested modification. This letter must be attached to your permit and shall become part of that permit. All other permit conditions remain as issued.

Sincerely,

Satish Kastury, Administrator
Hazardous Waste Regulation

SK/hdr

cc: Ashwin Patel/FDEP Northwest District Office
Doug McCurry/EPA Region 4

"More Protection, Less Process"

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DOCKET #

03.1

FACILITY NAME: PERMA-FIX

FILE: HW ALACHUA 2002

D#	DATE	FROM/TO	DESCRIPTION
02.1	12/13/2	Fitzsimmons/Shoemake	The purpose of this letter is to advise you of possible violations of law for which you may be respnsible . . .

Jeb Bush
Governor

7825 Baymeadows Way, Suite B200
Jacksonville, Florida 32256-7590

David B. Struns
Secretary

December 13, 2002

Mr. Ken Shoemake
Environmental, Health and Safety Manager
Perma-Fix of Florida, Inc.
1940 NW 67th Place
Gainesville, Florida 32653

Dear Mr. Shoemake:

Perma-Fix of Florida, Inc.
Warning Letter WL02-2109HW01NED
DEP/EPA ID FLD 980 711 071
Alachua County - Hazardous Waste

The purpose of this letter is to advise you of possible violations of law for which you may be responsible, and to seek your cooperation in resolving the matter. A hazardous waste program field inspection conducted on September 10, 2002 indicates that violations of Florida Statutes and Rules may exist at your facility. Department of Environmental Protection (DEP) personnel made observations described in the attached inspection report. The "Summary of Violations and Corrective Actions" section of the report lists the alleged violations of Department rules.

Section 403.727 Florida Statutes provides that it is a violation to fail to comply with rules adopted by the Department. The activities observed during the Department's field inspection and any other activities at your facility that may be contributing to violations of Florida Statutes or Department Rules should be ceased.

You are requested to **contact Alan Annicella, (904) 807-3300, at extension 3369** within fifteen (15) days of receipt of this Warning Letter to arrange a meeting to discuss this matter. The Department is interested in reviewing any facts you may have that will assist in determining whether any violations have occurred. You may bring anyone with you to the meeting that you feel could help resolve this matter. Alternatively, you may respond in writing within thirty (30) days with documentation that all alleged violations have been corrected.

Enclosure Attachment List Page 1

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DOCKET #

02.1

PLEASE BE ADVISED that this Warning Letter is part of an agency investigation, preliminary to agency action in accordance with Section 120.57(4), Florida Statutes. If this matter cannot be resolved within 90 days, under the Department's agreement with the United States Environmental Protection Agency (EPA), a formal administrative complaint or "Notice of Violation" (NOV) must be issued against you within 150 days of the date of the attached inspection report. We look forward to your cooperation in completing the investigation and resolution of this matter.

Sincerely,



Michael J. Fitzsimmons
Waste Program Administrator

 MJF:aaa

Enclosure

Jeb Bush
Governor

Northeast District
7825 Baymeadows Way, Suite B200
Jacksonville, Florida 32256-7590

David B. Strunk
Secretary

HAZARDOUS WASTE INSPECTION REPORT

1. **INSPECTION TYPE:** ☒ Routine ☐ Complaint ☐ Follow-up ☐ Permitting

FACILITY NAME: Perma-Fix of Florida, Inc. **DEP/EPA ID #:** FLD 980 711 071

STREET ADDRESS: 1940 NW 67th Place, Gainesville, Florida 32653

MAILING ADDRESS: same as above

COUNTY: Alachua **PHONE:** (352) 373-6066 **DATE:** 9/10/02 **TIME:** 9:30 a.m.

HW Facility Status

- ☐ Non-handler
- ☐ CESQG
- ☐ SQG
- ☒ LQG
- ☐ Transporter
- ☐ Transfer facility
- ☒ TSD
- ☒ SQH
- ☐ LQH

Used Oil Facility Status

- ☒ Generator
- ☒ Transporter
- ☒ Transfer facility
- ☒ Marketer
- ☐ Processor
- ☐ On-spec. burner
- ☐ Off-spec. burner
- ☐ Filter generator
- ☒ Filter transporter
- ☒ Filter transfer facility
- ☐ Filter processor

Hg Facility Status

- ☐ Exempt
- ☐ Generator
- ☒ Transporter
- ☐ Hg recovery facility
- ☐ Hg reclamation facility

PCW facility status

- ☐ Producer
- ☒ Transporter
- ☐ Recovery facility

2. **APPLICABLE REGULATIONS:**

- | | | | |
|--|--|---|---|
| <input type="checkbox"/> 40 CFR 261.5 | <input checked="" type="checkbox"/> 40 CFR 262 | <input type="checkbox"/> 40 CFR 263 | <input checked="" type="checkbox"/> 40 CFR 264 |
| <input checked="" type="checkbox"/> 40 CFR 265 | <input checked="" type="checkbox"/> 40 CFR 266 | <input checked="" type="checkbox"/> 40 CFR 268 | <input checked="" type="checkbox"/> 40 CFR 270 |
| <input checked="" type="checkbox"/> 40 CFR 273 | <input checked="" type="checkbox"/> 40 CFR 279 | <input checked="" type="checkbox"/> 62-737, FAC | <input checked="" type="checkbox"/> 62-740, FAC |

3. **RESPONSIBLE OFFICIAL:** Mr. Raymond Whittle, Facilities Manager

4. **INSPECTION PARTICIPANTS:** Ken Shoemake, PFF

Alan Annicella and Chris Bodin, FDEP

5. **LATITUDE/LONGITUDE:** 29°42'8" / 82°20'51"

6. **TYPE OF OWNERSHIP:** private federal state county municipal

7. **PERMIT #:** 17680-006-HO **ISSUE DATE:** 5/24/02 **EXP. DATE:** 6/8/05

"More Protection, Less Process"

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Perma-Fix of Florida, Inc. (Perma-Fix), a subsidiary of Perma-Fix Environmental Services, is a Large Quantity Generator and a permitted hazardous waste storage facility. The facility's processes include liquid and sludge bulking, scintillation vial and other small container crushing and shredding, repackaging of solid wastes contaminated by hazardous wastes, stabilization of wastes in containers, thermal desorption and/or chemical oxidation, used oil handling, petroleum contact water (PCW) transportation and consolidation and storage of discarded mercury-containing devices. The facility is currently accepting waste generated by CERCLA activities. This inspection was unannounced.

Perma-Fix was issued permit number 17680-006-HO on May 24, 2002. The permit is for the operation of a hazardous waste treatment, storage facility consisting of a tank, two container storage areas, and two miscellaneous treatment units, and implementation of HSWA Corrective Action Requirements.

Liquid Scintillation Fluid (LSF) Processing in the Non-Hazardous Waste Storage Building

Liquid Scintillation Fluid Processing:

Perma-Fix is primarily a waste processing and liquid bulking operation for LSF. Scintillation fluids emit traceable amounts of radiation when exposed to a radiation source. These fluids are generally used by hospitals and research institutes as tracer fluids. The LSF contain small amounts of xylene and toluene and may be radioactive. The LSF is therefore regulated under the Resource Conservation and Recovery Act (RCRA) as F003/F005 hazardous waste, and, if radioactive, as a Mixed Waste under RCRA and Nuclear Regulatory Commission (NRC) rules. Approximately 90% of the LSF arrives in vials, and the remaining 10% arrives in bulk drums. The facility processes an average of 500 containers of drummed LSF vials/bulked LSF per month.

After the paperwork corresponding to each drum has been checked, the drums are tagged and staged in the temporary holding area before processing. During staging, the drums are segregated by generator. During processing, each generator's waste is processed separately. The drum lids are removed, the drums are lifted by a hoist and the contents are emptied onto a shaker screen. Packing materials (e.g. vermiculite) that fall into a catch basin are tested for radioactivity and transferred to a roll-off container. The packing material is manifested to Covanta in Okahumpka, Florida as non-hazardous solid waste.

The glass and plastic vials that remain on top of the shaker table are conveyed to a crusher. The fluid in the vials is drained into a basin and transferred into one of two 80-gallon test tanks. The fluids are tested for radioactivity and then pumped to totes in the permitted storage area, or are temporarily containerized to facilitate radioactive decay.

The crushed plastic/glass vials are triple washed in ethanol and water. The ethanol/water wash is changed after approximately 30 drums of LSF vials have been processed. The D001 waste ethanol is transferred to a tote in the permitted storage area. The waste glass/plastic is transported to Covanta for disposal as non-hazardous waste.

Liquid wastes, including LSF and hazardous waste liquids, also arrive at the facility in drums, containers or tanker trucks. Liquid wastes that test negative radiologically and have waste codes D001/F003/F005 are bulked into 550-gallon totes pending future transfer into a tanker truck. Hazardous waste liquids that test positive radiologically are temporarily containerized to facilitate radiological decay. Liquid wastes (including rinseate from the LSF process) that can be burned for energy recovery are manifested to Giant Cement Company (Harleyville, South Carolina) as F001/F002/F003/F005/D001/D004/D005/D006/D007/D008/D009/D010/D011/D018/D019/D027/D028/D029/D035/D040/D043/U122 hazardous waste. All other liquid wastes, particularly hazardous wastes that contain a high percentage of water, are manifested to Michigan Recovery Systems, Inc. (Romulus, Michigan) as F001/F002/F003/F005/D001/D004/D005/D006/D007/D008/D009/D010/D011/D018/D019/D027/D028/D029/D035/D040/D043/U122 hazardous waste.

Permitted Miscellaneous Treatment Unit:

Perma-Fix is allowed to conduct hazardous debris treatment in the hazardous debris vat. This hazardous debris vat is located in the LSV Processing Area, but is segregated from the processing area by a berm. The liquid in the vat is changed on as needed basis and sent to GTS Duratek for disposal as a rad only, non-hazardous waste.

Non-Hazardous Waste Storage Area:

Perma-Fix is currently registered as a used oil transporter, marketer, oil filter transporter, oil filter transfer facility, petroleum contact water (PCW) transporter and mercury-containing lamps storage facility. The non-hazardous waste building is used to store used oil, oily wastewater, and other non-hazardous wastes. The building is constructed of a concrete slab and has a secondary containment berm.

Non-hazardous solid wastes, including used oil, used oil filters, oily sludge and oil-contaminated solids and vermiculite, are stored in 55-gallon drums and 550-gallon totes. Used oil and oily water are sent to Atlantic Industrial Services, Inc. for recycling and energy recovery. Used oil filters are sent to either Atlantic Industrial Services, Inc. or International Petroleum Corporation. Oily sludges and solids are sent to either Soil Treatment Services, Inc. or Covanta. Used vermiculite is bulked and shipped to Covanta for processing. Petroleum contact water (PCW) is transported to International Petroleum Corporation or Industrial Waster Services.

All drums and totes holding used oil or used oil filters in the area were in good condition and were properly labeled.

Spent mercury-containing lamps are stored in the northeast corner of the building. Spent mercury-containing lamps are shipped to AERC (West Melbourne, Florida), FLD 984 262 782, for reclamation. The accumulation area was labeled, pursuant to Florida Administrative Code (FAC) 62-737. There were no containers of spent lamps on site at the time of inspection.

Maintenance Shop

The facility maintains one parts washer in the maintenance shop that contains diesel fuel as a solvent, generating a non-hazardous waste parts washer fluid. The facility generates less than 55

needed.

There was one drum of used oil filters and one drum of used oil. Both were appropriately labeled and in good condition.

Outside of the Building:

Staged outside of the building there were five roll-off containers of non-hazardous oily solids and sludges. These containers were awaiting shipment to Covanta for proper disposal. There was one labeled roll-off of hazardous waste solids destined for Fisher Industrial Services, Inc. These wastes are sent to Perma-Fix from off-site sources. At Perma-Fix the wastes are composited into these roll-off containers prior to off-site shipment for disposal.

Processing and Storage Building

The Processing and Storage Building is a permitted hazardous waste container and tank storage area, as well as a fuel-blending location that includes phase separation treatment. The Processing and Storage Building consists of a roofed and bermed storage structure with a concrete floor, appropriate secondary containment and sumps. At the time of inspection, the facility appeared to be operating within its permitted storage capacity. The hazardous waste containers that were examined were properly labeled and closed, and had been dated with the storage start date. Pallets are used for stacking drums a maximum of two high, with a maximum of four 55-gallon drums per pallet.

The 3,000-gallon AST is located in the approximate center of the permitted container storage area. The tank has appropriate secondary containment and a sump to contain any spillage. At the time of this inspection, the AST was empty and all mixed-waste LSF liquids and rinseate were being stored in 550-gallons totes.

The majority of waste consolidation and fuel blending occurs in the east side of the permitted TSD building, adjacent to the 3,000-gallon AST. Hazardous wastes that arrive in drums are consolidated into tanker trucks for fuel blending. Containerized hazardous wastes that contain a high percentage of solids or sludge are sometimes blended with liquids from one of the 550-gallon totes to obtain a mixture that can be pumped into a tanker truck. The mixture is then manifested to Giant Cement Company, as previously described. All containers of hazardous waste in the fuel blending section of the permitted storage area were properly closed, labeled and dated.

At the time of the inspection there were several cracks in the concrete floor on the westside of the processing and storage building. **This is an area of concern.** Any cracks in the floor should be repaired in order to protect that integrity of the secondary containment area.

The southeast corner of this building is currently occupied by Perma-Fix Analytical Services. The laboratory performs fingerprint analyses on each incoming waste stream to confirm that waste received at Perma-Fix of Florida, Inc. conforms to the initial waste profile.

The lab is split into two sections, one section for hazardous waste testing and one section for mixed waste testing. There was no hazardous waste accumulating in the Gas Chromatography (GC) room. The Metals Lab contained one satellite container for waste acidic water designated D002/D006/D007/D008/D009/D010. The container was closed and properly labeled. The Flash/Total Halogens Lab is organized into several workstations. Each station contained closed and labeled satellite containers for F003/F005 waste glass and plastic.

Waste liquids, glass and plastic generated in the laboratories are managed as hazardous waste and are transferred to the LSF processing area for liquid recovery. Waste glass and plastic are processed through the LSF area and are shipped to Covanta as non-hazardous solid waste.

The permitted storage area located in the Treatment and Operations Building (TOB) has seven different zones. A maximum volume of 35,200 gallons of hazardous waste can be stored in the TOB. Based on a visual inspection the volume of hazardous waste in the TOB is less than 35,200 gallons. In addition, it appears that Perma-Fix is not exceeding the volume limits for each the individual storage zones as stipulated in Attachment B of the permit.

The container storage area includes a containment system that consists of 6" by 6" concrete berm to prevent run-off. Perma-Fix is using "B25" containers to store wastes in the permitted storage area. These containers have a capacity of 96 cubic feet. This equates to approximately 718-gallons of storage. Part IV (8)(b) of Permit 17680-006-HO states that Perma-Fix may only use containers of 550-gallons or less. **Perma-Fix is in violation of Part IV (8)(b) of their permit.**

The Perma Fix-I (PF-I) and Perma Fix-II (PF-II) operation occupy the northeast portion of this building. Both PF-I and PF-II processes are conducted in a Quonset Hut in this building. PF-I process consists of stabilization and fixation treatment. This is conducted primarily in 55-gallon drums. The PF-II process consists of thermal desorption and/or chemical oxidation batch treatment of 110-gallons or less. Liquid wastes generated by this process are manifested off-site to DSSI in Kingston, Tennessee. The solids are accumulated on-site and are manifested off-site to Envirocare of Utah, Inc. in Salt Lake City, Utah. Emissions from these treatment operations are contained and treated by thermal oxidation.

During the inspection, records documenting the treatment procedures and operation log of the monitoring equipment were reviewed. Based upon the review of these documents, Perma-Fix is meeting the requirements of the specific conditions listed under Part III of the permit.

In addition, randomly selected records for inbound shipments of waste were reviewed for compliance for required waste screening, selected treatment and final disposal history. No discrepancies were noted during this record review.

A review of the facility's manifests, operating records, including the operation log for the stipulated requirements for Part V of the permit, biennial reports, annual reports of used oil and PCW activities, arrangements with local authorities, training records, inspection logs, and waste minimization plan revealed no discrepancies. The contingency plan was on-site and up-to-date.

Perma-Fix of Florida, Inc. is currently a Large Quantity Generator of hazardous waste and a permitted TSD facility.

The following violation was discovered during the inspection.

SUMMARY OF VIOLATIONS AND CORRECTIVE ACTIONS:

Part IV (8)(b) – Permit 17680-006-HO

VIOLATION:

Facility is using "B25" containers to store wastes in the permitted storage area. These containers have a capacity of 96 cubic feet. This equates to approximately 718-gallons of storage. Part IV (8)(b) of Permit 17680-006-HO states that Perma-Fix may only use containers of 550-gallons or less.

CORRECTIVE ACTIONS:

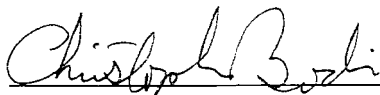
In order to return to compliance Perma-Fix should either discontinue using the containers and use containers allowed by Part IV (8)(b) of the permit, or submit a request for permit modification. Estimated time to return to compliance, 30-days.

Site Inspector:

 12/12/02

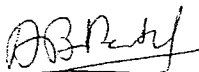
Alan Annicella Date
Environmental Specialist
Hazardous Waste Section

Site Inspector:

 12/12/02

Christopher Bodin Date
Permitting Engineer
Hazardous Waste Section

Approved by:

 12/13/02

Vicky G. Valade Date
Environmental Manager
Hazardous Waste Section

Approved by:

 12/13/02

Ashwin B. Patel Date
Hazardous Waste Supervisor
Hazardous Waste Section

Facility Name: Perma-Fix Date: December 10, 2002
 Facility Representative: Ken Shoemaker Facility ID #: FLD 980 711 071
 SIC Codes: TSD facility Inspector: Alan A. Annicella
Alan A. Annicella

40 CFR 262 Subpart A -- General Standards

1. Describe the facility's hazardous waste streams:

WASTE DESCRIPTION	EPA Waste Codes	Generation Rate	Disposal Facility and EPA ID	Correct ID?	Testing or Process Knowledge
Liquid Wastes (including LSF)	0001/0004/0005/ 0006/0007/0008/ 0009/0010/0011/ 0018/0019/0027/ 0028/0029/0035/	Varies	Giant Cement SCD 003 051 699	Y	
Liquid haz wastes	0040/0043/0044/ F002/F003/F005 all these + U122	Varies	Michigan Recovery MIA 060 975 844	Y	
Solid haz wastes	0006/0007/0008/ 0022/0016/0039/ 0040/F001/F002/ F003/F005	Varies	Chemical Waste Man. ALA 000 622 464	Y	
Photographic Waste can	0011	Varies	Photographic Waste Control FLD 984 229 609	Y	
Various other wastes	Varies	Varies	Perma-Fix Orlando FLD 980559 728 Perma-Fix Georgia GAI 093 30814		

(describe discrepancies in waste identification in narrative)

2. Has the facility obtained an EPA ID number? (40 CFR 262.12) Y X N _____
3. Is the facility disposing of all its hazardous wastes to facilities permitted to accept the waste? Y X N _____
4. Are any hazardous wastes treated or disposed of on site?
Describe in narrative. Y X N _____
5. Is the facility exempt from hazardous waste permit requirements?
Describe in narrative. Y _____ N X

1. Does the facility use a manifest for all its hazardous wastes? (262.20)
2. Is the facility using the correct form (EPA 8700-22; OMB #2050-0039)?
3. Does the facility ship by rail or water? (If so, check 262.23(c))
4. Is the manifest filled out properly?

Item No.:

Number of manifests examined 14
Number of errors 0

Note manifest document numbers and dates of manifests with errors below:

5. Have any exception reports been filed? (262.42) Y N X
If so, did exception reports include legible copy of manifest and cover letter? Y N
6. Are manifests retained for 3 years? Y X N

1. Does the facility accumulate the waste on-site prior to treatment or disposal? Y X N

Circle applicable accumulation units:

Containers Tanks Drip Pads ~~Containment Buildings~~

2. Are containers used to ship the waste off-site? Y X N

3. Are any containers on-site prepared for shipment? Y X N

a. If so, are the containers appropriate for the waste? (262.30) Y X N

b. Are the correct diamond-shaped DOT hazard class container labels used? (262.31) Y X N

c. Are containers of 110 g or less marked with the correct DOT shipping name and number? Y X N

Is a label with the language required under 262.32(b) used? Y X N

Is the generator's name, address and manifest document number on the label? Y X N

d. Are placards available to be provided to the transporter? (262.33) Y X N

e. Are bulk packagings used (over 400 kg solid or 118 g liquid)? Y X N

f. Are they marked and placarded properly? Y X N

40 CFR 262 Subpart C -- Accumulation Requirements

1. Does the facility comply with the 90-day accumulation time limit? (262.34(a)) (Complete tank, container and/or drip pad checklists for units accumulating waste.) Y X N

2. If not, has the facility been issued an extension by the Department? (262.34(b)) Y N X

3. Is each container marked with the beginning date of accumulation? (262.34(a)(2)) Y X N

4. Is each container and tank marked with the words "Hazardous Waste"? (262.34(a)(3)) Y X N

5. Are satellite accumulation points used? Describe in narrative. Y X N

6. Are satellite containers closed ((262.34(c)) and marked with the words "hazardous waste" or other words that describe the contents? Y X N

7. Do satellite accumulation points hold 55 gallons of waste or less? Y X N

8. If not, is the excess marked with the date the excess waste began accumulating? (The date must be within 3 days of the date of inspection (262.34(c)(2))) Y N

permitted facility

n/g

1. Do facility personnel complete hazardous waste training?
Comments: Y N
2. Is the trainer adequately trained in hazardous waste management procedures? Y X N
3. Does the training cover safety? Y X N
4. Does the training cover emergency response procedures, including equipment handling and inspection? Y X N
5. Does the training cover hazardous waste identification and handling procedures? Y X N
6. Does the facility maintain personnel training records? Y X N
7. Does the facility maintain job titles and position descriptions for employees managing hazardous waste? Y X N
8. Do the job descriptions include the requisite skills, education and experience? Y X N
9. Do the job descriptions include a list of the positions' duties? Y X N
10. Are people trained within 6 months of hiring? Y X N
11. Do they work unsupervised prior to training? Y N X
12. Is training reviewed annually? Date of last training 5/02 Y X N
13. Are records maintained for three years? Y X N

265 Subpart C -- Preparedness and Prevention

1. Is there evidence of a fire, explosion or release of hazardous waste or hazardous waste constituents to the environment? (265.31) Y N X
2. Does the facility have an internal communication or alarm system? (265.32(a)) Y X N
3. Is there a telephone, alarm, 2-way radio or other device at the scene of operations immediately available and capable of summoning assistance? (265.32(b)) Y X N
4. Describe fire control equipment. Is it adequate? (265.32(c)) Y X N
5. Is spill control and decontamination equipment present? (265.32(c)) Y X N

Fire Department: _____
(265.32(d))

7. Is the emergency equipment inspected and tested periodically?
Frequency? daily/monthly

Y X N _____

8. Is there adequate aisle space to allow unobstructed movement of facility personnel and emergency equipment to any area of the facility where needed? (265.35)

Y X N _____

9. Has the facility made emergency response arrangements with the following: (265.37)

Fire Department: _____

Y X N _____

Police: _____

Y X N _____

Hospital: _____

Y X N _____

Emergency Response Contractor: _____

Y X N _____

10. If not, has the facility attempted to do so and is the refusal documented?

Y _____ N _____

11/9

265 Subpart C -- Contingency Plans and Emergency Response

1. Does the facility have a contingency plan? 265.51)

Y X N _____

2. Is it at the facility and easily available? (265.53)

Y X N _____

3. Does the plan include:

Fire Response Procedure:

N/A _____ Y X N _____

Spill Response Procedures:

N/A _____ Y X N _____

Explosion Response Procedures:

N/A _____ Y X N _____

A description of arrangements with local authorities:

N/A _____ Y X N _____

Emergency Coordinators: (Name) Raymond Whittle

Y X N _____

Addresses and telephone numbers of Emergency Coordinators:

Y X N _____

Emergency equipment list:

Y X N _____

Specifications and capabilities of emergency equipment:

Y X N _____

Locations of emergency equipment:

Y X N _____

An evacuation plan and routes:

Y X N _____

Evacuation/alarm signals:

Y X N _____

4. Is the plan up to date, with no changes to the list of emergency equipment, list of emergency coordinators, applicable regulations or contingency plan failures since the last revision?

Y X N _____

5. Has the plan been distributed to the local police, fire department, ERT and hospital? Circle omitted authorities. (265.53)

Y X N _____

6. Is the emergency coordinator authorized to commit funds for incident response?

Y X N _____

1. Is the generator keeping the following records:

Biennial Reports (262.41)
Exception reports (262.42)
Test Results:

N/A Y X N
N/A X Y N
N/A Y X N

2. Where are records kept? on-site

3. Who is in charge of keeping records? Name Tom Hannah
Title _____

4. Any additional reporting, such as contingency plan implementation reports? (262.43) NA Y X N

5. Are records kept for a minimum of 3 years? Y X N

40 CFR 262 Subpart E -- Exports N/A X

1. Has the facility exported any hazardous waste? Y N

2. Has the exporter notified EPA 60 days prior to the initial shipment? Y N

3. Has the receiving country consented to receive the waste? Y N

4. Has a copy of the EPA Acknowledgment of Consent accompanied the shipment? Y N

5. Did the shipment conform, and was the manifest completed as required by 40 CFR 262.54? Y N

6. Has the exporter received confirmation of delivered shipment? Y N

7. Has the exporter submitted an annual report to EPA? Y N

8. Are all records kept a minimum of three years? (262.57) Y N

40 CFR 262 Subpart F -- Imports N/A X

1. Has the facility imported any hazardous waste? Y N

2. Has the manifest been completed per 262.60(b)? Y N

(Check for leaks, corrosion, bulges, etc.)

Yes _____ No _____

2. If a container is found to be leaking, does the operator transfer the hazardous waste from the leaking container?

Yes X No _____

3. Is the waste compatible with the containers and/or its liner (265.172)?

Yes X No _____

4. Are the containers kept closed except when adding or removing wastes (265.173(a))?

Yes X No _____

5. Are containers holding hazardous waste opened, handled or stored in such a manner as to cause the container to rupture or leak (265.173(b))? If yes, explain using narrative.

Yes _____ No X

6. Are each of the containers inspected at least weekly? (265.174)

Yes X No _____

Are records kept including: (62-730.160 (6) F.A.C.)

Date?

Yes X No _____

Time?

Yes X No _____

Legibly written name of the inspector?

Yes X No _____

Number of Containers?

Yes X No _____

Condition of containers?

Yes X No _____

Notes of observations made?

Yes X No _____

Date and nature of repairs or corrective actions?

Yes _____ No _____

7. Are ignitable and reactive wastes stored at least 50 feet from the property boundary? (265.176)

Yes X No _____

8. Are incompatible wastes stored in the same containers?

Yes _____ No X

9. Are containers holding incompatible wastes kept apart by physical barrier or sufficient distance? (265.35)

Yes X No _____

10. Is there sufficient aisle space allow to allow full inspection of the containers and labels? (62-730.160(7) F.A.C.)

Yes X No _____

Facility Name: Acema Fix Date: September 17, 2002
 Facility Representative: Ken Shoemaker Facility ID #: FLD 950 711 071
 SIC Codes: 750 Facility Inspector: Annicella + Bodin
Alan A. Annicella

40 CFR Part 268

1. Does the generator manage any waste streams that are not restricted from land disposal? (268.1) Y N X

If so, Identify waste and exemption: [268.1(c and e)]

Waste	Exemption
	Case by case exemption under 268.5 for a specific waste from a specific facility.
	Approved "no migration" petition under 268.6.
	National Capacity Variance Expiration date: <u> </u>
	Decharacterized nonlisted wastes disposed of to a hazardous or non hazardous injection well, provided D001 high TOC wastes and D012-17 pesticide wastes meet treatment standards before injection.
	Wastes identified as hazardous after November 8, 1984 for which EPA has not promulgated treatment standards.
	De minimus losses to wastewater treatment systems.
	Laboratory wastes mixed with other plant wastewaters at facilities where the discharge is subject to the Clean Water Act.

2. Does the facility dilute any restricted waste stream as a substitute for treatment? (268.3(a)) Y N X

If so, does the facility only dilute wastes that are hazardous only because they exhibit a characteristic (except for D003 cyanide wastes or wastes such as High TOC D001 wastes that have a specified treatment technology) in CWA regulated waste water treatment or pretreatment units? (268.3(b))

Y N

3. Does the facility treat hazardous waste on site in tanks, containers or containment buildings? Describe in narrative.

Y N X

If so, is the treatment to render the waste non-hazardous or to meet LDR Treatment Standards?

Y N

Was a waste analysis plan submitted to EPA and/or DEP 30 days prior to beginning treatment? (268.7(a)(4))

Y N

Is the generator complying with the notice and certification requirements for treated wastes in 268.7(a)(2) and/or 268.9?

Y N

4. Does the facility have records documenting treatment is effective? Y N

1. Restricted, not meeting treatment standards	Each shipment to TSDF	Constituents of Concern Treatability Group Manifest Number Analysis data (where available)
2. Restricted, meets treatment standards	Each shipment to TSDF	Certification statement EPA waste number(s) Constituents of Concern Treatability Group Manifest Number Analysis data (where available)
3. Restricted, but exempt under 268.5, 268.6 or a variance	Each shipment to TSDF	Statement waste is not prohibited Date the waste becomes subject to LDRs EPA waste number(s) Constituents of Concern Treatability Group Manifest Number Analysis data (where available)
4. Lab packs disposed of under an alternative treatment standard under 268.42(c)	Each shipment to TSDF	Certify no 268 Appendix IV wastes in pack EPA waste number(s) Treatability Group Manifest Number Analysis data (where available)
5. Small Quantity generator using a tolling agreement	Initial shipment Keep 3 years from exp. date	EPA waste number(s) Constituents of Concern Treatability Group Manifest Number Analysis data (where available)
6. Hazardous debris excluded from the definition of HW under 261.3(f)(1)	One time to EPA & state	Name & address of subtitle D facility EPA waste number(s) Description of waste as generated Technology used to treat the waste Certification & recordkeeping per 268.7(d)(3)
7. Generator claiming characteristic wastes are no longer hazardous	Own file, initial to EPA & state w/ updates	Name & address of receiving subtitle D facility Waste may require further treatment before disposal EPA waste number(s) Description of waste as generated Treatability group Underlying hazardous constituents Certification statement per 268.9(d)(2)

Manifest #	Line Item	Date	Notice Type	Waste Codes Included	Defects - Comments

2. Is the generator keeping records for five years from the date of waste treatment or disposal? 268.7(a)(7)

Y X N

3. Is the generator determining whether wastes are restricted solely by product or process knowledge?

Y N X

If so, is all supporting data used to make the determination (such as MSDSs) retained on site? (268.7(a)(5))

Y N n/g

4. Is the generator determining whether wastes are restricted by analysis?

Y X N

If so, are copies of the analyses retained on site? (268.7(a)(5))

Y X N

5. Is the generator managing a restricted waste that is excluded from the definition of hazardous waste under 261.2 - 6 subsequent to the point of generation? (ex. accumulated wastes subsequently discharged to a wastewater treatment unit or reclaimed.)

Y N X

If so, is a one time notice of the generation, subsequent exclusion and ultimate disposition of the waste placed in facility files? (268.7(a)(6))

Y N n/g

6. Is the facility a 100 - 1000 kg/mo generator using a tolling agreement to dispose of hazardous waste?

Y N X

If so, has the facility made a one time notice to the treatment facility containing the information required under 268.7(a) and is a copy of the notice retained on site for 3 years from the last waste disposal?

Y N n/g

40 CFR 264 Supart I Permit Conditions

Part IV

1. Are the containers in good condition (264.171)? Y X N
2. Are the containers managed in accordance with the permit (264.171)? Y X N
3. Is the number of containers equal to or below the maximum inventory for the permit? Y X N
4. Are the containers in the designated bays by waste type? Y X N
5. Is the waste stored in the specified container? Y N X
6. Are containers holding hazardous waste opened, handled or stored in such a manner as to cause the container to rupture or leak (264.173(b))? Y N X

Explain.

7. Are each of the containers inspected at least weekly (264.174)? Y X N
8. Is the secondary containment system functional and are free liquids removed and managed in accordance with the permit? Y X N
9. Are containers holding ignitable or reactive wastes located at least 15 meters (50 feet) from the facility property line? Y X N
10. Is there sufficient aisle space to allow unobstructed movement and inspection? Y X N

11. Specific Condition on Permit:

Part IV (8)(b) Y N X

Y N

Y N

Y N

Y N

Y N

Violation

SIC Codes: 750 Facility Inspector: Annarella + Bodin

40 CFR 279 Subpart C -- Generator Standards

1. Describe the facility's used oil streams:

WASTE DESCRIPTION	ON/Off Specification	Testing or Process Knowledge	Generation Rate	Disposal Facility and EPA ID
Used Oil				Giant Cement
Used Oil filters				Atlantic Industrial Services
Oily debris/soil				Soil Treatment Services

2. Does the generator mix hazardous waste with the used oil?(279.10)

Y ☐ N ☒

3. If so, is the facility a CESQG?

Y ☐ N ☐

4. If not, Is the oil mixed with a characteristic hazardous waste?
(describe waste)

Y ☐ N ☐

If so, does the facility document that the resultant mixture does not exhibit any characteristic of hazardous waste?

Y ☐ N ☐

Or, if the hazardous waste is only D001, that the resultant mixture is not ignitable?

Y ☐ N ☐

If the facility is not a CESQG, and oil is mixed with a listed hazardous waste, it must be managed as a hazardous waste.

5. Does the facility generate other materials contaminated with used oil?

Y ☒ N ☐

If so, are the materials burned for energy recovery as used oil?

Y ☐ N ☒

or, Does the facility have records documenting the residuals are not hazardous waste?

Y ☒ N ☐

6. Does the generator claim that the used oil meets the specification in 279.11? Y ☒ N ☐

If so, and the oil is to be burned for energy recovery, the generator is a marketer subject to 40 CFR 279 Subpart H

Are containers/tanks in good condition? (279.22(b)(1))

Are containers/tanks leaking? (279.22(b)(2))

Are containers/tanks storing used oil marked with the words "Used Oil", -
Including fill pipes used to fill underground tanks? (279.22(c))

2. Are used oil filters stored in above ground containers which are: (62-710.850(6))

In good condition?

Closed or otherwise protected from weather?

Labeled "Used Oil Filters"?

Stored on an oil impervious surface?

3. Have any releases to the environment occurred, other than a leak from a UST? Y ☒ N ☐

If so, did the facility stop the release, contain the oil, clean up the release
and manage the contaminated material properly and repair or replace
the leaking units prior to returning them to service? (279.22(d))

4. Does the generator burn on site in a space heater? (279.23)

If so, does he burn only DIY oil or oil generated on site?

Does the heater have a capacity of no more than 0.5 million BTU/hr?

Are combustion gasses vented to the atmosphere?

5. Does the generator only use transporters who have received EPA
Identification numbers?

Name and number

Perma-Fix of Florida

6. If not, does the generator self-transport only used oil generated on site or DIY oil
to used oil collection centers or aggregation point owned by the generator? Y ☐ N ☐

Name and location of center:

Location of generator aggregation point

If so, is this only in vehicles owned by the facility or facility employees?

Is no more than 55 gallons transported at one time?

7. Alternatively, does the generator have a tolling arrangement with a used oil
reclaimer?

Is a copy of the contract kept on site specifying

type and frequency of shipments?

that the transport vehicle is owned by the processor?

that the reclaimed oil will be returned to the generator?

Inspector: Annicella + Bodin Registration # _____

40 CFR 279 Subpart E -- Transporter Standards

1. Is the facility exempt under any of the following? (279.40(a)) Y_____ N X
On site transport?
Generator transporting < 55 g /time to a collection center?
Transporter of < 55 g /time from generator to aggregation point owned by same generator ?
2. If the transporter also transports hazardous waste in the same trucks as are used to transport used oil, are the vehicles emptied per 261.7 after HW shipments? (If not, the used oil must be managed as hazardous) Y_____ N n/g
3. Does the transporter process used oil incidental to transport? (279.41) Y_____ N X
Are any residues managed as used oil, reclaimed, or used as asphalt manufacture feedstock? N/A X Y_____ N_____
If not, has the transporter conducted a hazardous waste determination? (279.10(e)) N/A X Y_____ N_____
4. Has the facility notified of used oil activities? Check EPA form 8700-12 Y X N_____
5. Does the transporter only deliver used oil to other transporters, oil processors, off specification used oil burners with EPA ID Numbers, or to on-specification oil burners? (279.43(a)) Y X N_____
6. Does the transporter comply with DOT requirements? (279.43(b)) Y X N_____
7. If any oil is discharged during transport, does the transporter: (279.43(c))
Notify National Response Center and State Warning Point and Coast Guard per 33 CFR 153.203, as applicable? Y_____ N_____ } if it happens
Report to DOT in writing per 49 CFR 171.16? Y_____ N_____ }
Clean up any discharges until the discharge poses no threat? Y_____ N_____ } yes
8. Does the facility also transport used oil filters? Y X N_____
- If so, are the filters stored in above ground containers which are: (62-710.850(6))
In good condition? Y X N_____
- Closed or otherwise protected from weather? Y X N_____
- Labeled "Used Oil Filters"? Y X N_____
- Stored on an oil impervious surface? Y X N_____

EPA ID # of oil provider (if applicable)?

Quantity of oil shipped?

Date of shipment?

Signature of oil provider, dated upon receipt?

Y X N
Y X N
Y X N

2. Do used oil delivery records include: (279.46(b))

Name & Address of receiving facility or transporter?

EPA ID # of receiving facility or transporter?

Quantity of oil delivered?

Date of delivery?

Signature of oil receiver, dated upon receipt?

Y X N
Y X N
Y X N
Y X N
Y X N

3. Do the above records also include state required information on the type of oil and destination or end use? (62-710.510(1)(c & e))

Y X N

4. Does the facility keep records on DEP Form 62-710.900(2) or equivalent? (62-710.501(1))

Y X N

5. Does the facility submit an annual report by March 1 summarizing the on site records for the previous calendar year? (62-710.520)

Y X N

If not, is the facility an electric utility transporting only self generated used oil for recycling, which is exempt from state registration and reporting requirements? (62-710.530)?

Y N *N/A*

7. Does the transporter keep copies of the record and reports for three years at the street address of the facility? (62-710.510(2))

Y X N

Transporter Certification (62-710 F.A.C.)

1. Is the transporter certified? (local governments, and < 55g/time transporters are exempt) (62-710.600)

Y X N

2. Does the facility maintain training records? (62-710.600(2)(c))

Y X N

3. Does the facility maintain insurance or financial assurance of \$100,000 combined single limit? (62-710.600(2)(d))

Y X N

4. Is the facility registration form and ID number displayed? (62-710.500)

Y X N

- Is the transfer facility registered per 62-710.500(1)(a) F. A. C.? Y X N
2. Does the transporter determine whether used oil stored at a transfer facility has a total halogen content above or below 1,000 ppm? Y X N
- Is this done by testing? Y X N
- Is this done by process knowledge? Describe basis in narrative. Y N X
- Are test records or copies of records providing basis for determination kept for 3 years? Y X N
3. Have any analyses showed exceedances of the 1,000 ppm level? Y N X
- If so, was the oil managed as hazardous waste? Y N n/g
- If not, was the oil exempt? Describe in narrative. N/A X Y N
4. Is used oil stored only in tanks or containers? (Circle applicable units) Y X N
5. If the facility has tanks, do they comply with 62-761 and 62.762 F. A. C rules? Y X N
- (Describe in narrative, including number and size of tanks, noting registration numbers if applicable, and compliance status.) X
- Is secondary containment provided and adequate? Y N
6. Are containers, and tank trailers in good condition and not leaking? Y X N
7. Are containers provided with secondary containment consisting of walls and floor at a minimum? Y X N
- Is the containment system impervious to oil so as to prevent migration? Y X N
8. Are ASTs, UST tank fill lines and containers labeled "used oil"? Y X N
9. Are used oil filters stored more than 10 days? Y N
- If so, is the facility a registered used oil filter transfer facility? (62-710.850) N/A Y X N
10. Does the facility stop operations and clean up releases of used oil, repairing or replacing any leaking units as applicable? Y X N

40 CFR 279 Subpart H -- Marketer Standards

1. Does the facility direct shipments of off-specification used oil to used oil burners? (except processors who burn incidentally) Y_____ N X
Or does the facility first claim that used oil that is to be burned for energy recovery meets the used oil fuel specification Y X N_____
2. Check other Subparts the marketer complies with. (Must comply with at least one and have EPA ID #)
X C - Generator X E - Transporter _____ F - Processor _____ G - Burner
3. Is the facility registered? (62-710.500(1)(c)) Y X N_____
4. Does the marketer only send off specification oil to burners with EPA ID Numbers (279.71(a)) Y_____ N_____ } n/g
And approved Industrial Furnaces or Boilers(279.71(b)) Y_____ N_____
5. Does the marketer claim the used oil meets the specification by analysis? Y X N_____
Or by obtaining copies of generator performed analyses? (279.72(a)) Y X N_____
6. Does the marketer have copies of written and signed certifications from all off specification oil burners to which he has directed shipments stating that the burner: (279.75)
 Has notified EPA of its used oil management activities? Y_____ N_____ } n/g
 Will only burn off spec oil in an approved device? Y_____ N_____
7. Do Off specification oil delivery records include: (279.74(a))
 Name & Address of transporter delivering oil? Y_____ N_____ } n/g
 EPA ID # of transporter? Y_____ N_____ }
 Name & Address of receiving burner? Y_____ N_____ }
 EPA ID # of receiving burner? Y_____ N_____ }
 Quantity of oil shipped? Y_____ N_____ }
 Date of shipment? Y_____ N_____ }
8. Do on specification oil delivery records include: (279.74(b))
 Name & Address of receiving facility? Y X N_____ }
 Cross reference to analysis or other information used to determine that the oil meets the specification? Y X N_____ }
 Quantity of oil shipped? Y X N_____ }
 Date of shipment? Y X N_____ }
9. Does the marketer keep copies of records for three years? (279.72(b)) Y X N_____
10. Does the facility maintain records on DEP Form 62-710.900(2), including type of oil and destination or end use? Y X N_____
11. Does the facility submit annual reports by March 1? Y X N_____