

TANK CERTIFICATION REVIEW

State of Florida
DEPARTMENT OF ENVIRONMENTAL REGULATION

For Routing To Other Than The Addressee	
To: _____	Location: _____
To: _____	Location: _____
To: _____	Location: _____
From: _____	Date: _____

Interoffice Memorandum

TO: Bill Kellenberger
District Engineer - Pensacola

THROUGH: Bill Neimes, Professional Engineer II *wn*
Hazardous Waste Regulation

FROM: Douglas G. Outlaw, Professional Engineer I *DGO*
Hazardous Waste Regulation

DATE: January 23, 1990

SUBJECT: Safety-Kleen, Tallahassee: FLD 982 133 159; Operating Permit
H037-171747; Tank Certification Included with Permit Application

The Wishmeier & Associates letter of December 18, 1989, provides a satisfactory explanation for the pressure test procedure at the Safety-Kleen, Tallahassee, site. As we observed during our site visit on January 16, 1990, the flexible hose is part of a quick disconnect coupling system for the wet dumpster and is attached to the used solvent drain line to the storage tank. The hose clamp used to attach the flexible hose to the drain line is adequate due to the relatively low maximum pressure which can occur at the connection and the provision of secondary containment.

Due to the long term potential for deterioration, the hose and clamp connection should be added as a separate item to the daily inspection list for the facility. Installation of a check valve in the drain line to prevent back flow into the wet dumpster is necessary and should be verified.

DO

cc: Jim Scarbrough, EPA/Region IV
Barry A. Swihart, BWP&R
Robert Frost, BWP&R

DEPARTMENT OF ENVIRONMENTAL REGULATION

ROUTING AND TRANSMITTAL SLIP

ACTION NO

ACTION DUE DATE

1. TO: (NAME, OFFICE, LOCATION)

Bill Nemes

Initial

Date

2.

Bwm

Initial

Date

3.

T.T.

RECEIVED
JAN 6 1997

Initial

Date

4.

WASTE

Initial

Date

REMARKS:

85psi NFPA REAT.
System Pressure 15psi
I feel this letter explains adequately.
We can accept test.
Comments?
Please call me

INFORMATION

Review & Return

Review & File

Initial & Forward

DISPOSITION

Review & Respond

Prepare Response

For My Signature

For Your Signature

Let's Discuss

Set Up Meeting

Investigate & Report

Initial & Forward

Distribute

Concurrence

For Processing

Initial & Return

FROM:

Bill K

DATE 5 Jan

PHONE

WISHMEIER & ASSOCIATES

ARCHITECTS • ENGINEERS

119 N. TAYLOR STREET • SOUTH BEND, INDIANA 46601
(219) 234-3433

December 18, 1989

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JAN 8 1990

SAFETY-KLEEN CORPORATION
Attn: Ms. Ellen Jurczak
777 Big Timber Rd.
Elgin, IL 60123

HAZARDOUS WASTE
PERMITTING

RE: SERVICE CENTER BRANCH, TALLAHASSEE, FL

Dear Ellen:

With this letter we will attempt to explain the pipe testing procedure at the Dumpster connection.

The first tests were tried with the "flexible" dumpster connection hoses installed between the hard piping (2" black iron) and the Dumpsters. The flexible hoses which have banded end fittings, would not hold the 85 psi test pressures. This is not an unusual situation. We, therefore, chose to take these flexible hoses temporarily out of the line & test the hard steel piping sections only. The hard piping had no leaks. The flexible hoses were then re-installed.

We believe this to be acceptable. The flexible hoses are located in a secondary containment area. We treat the system pumps in the same fashion. The pump seals fail at a pressure of about 25 psi. Therefore, the pumps are by-passed during the pipe testing, then re-installed after the testing has been completed.

We accept the lines with the flexible hoses and pumps re-installed as we believe this meets the intent of the law.

The initial pressurization used here, 84 psi, was accepted as it was within 5% of the base test pressure of 85 psi. A pipe pressurised to 85 psi would be allowed a 5% pressure drop or 4.25 psi down to 80.75 psi in the 45 minute test period. This is

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Northwest Florida
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within reasonable engineering accuracy, given the fact that temperature changes in the piping can move the pressure up or down this amount during the 45 minute test period. In this case, where the initial pressure was 84 psi, a loss of only 3.25 psi would have been permitted.

If you need additional information, please call.

Sincerely,

Charles Keith Wishmeier

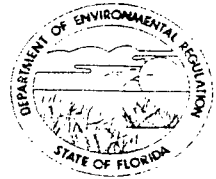
Charles Keith Wishmeier, P.E., R.A.

FLORIDA PE 37694

WISHMEIER & ASSOCIATES

CC: Kevin Schmuggerow, Safety-Kleen Corp
file

CKW/mbw



State of Florida
DEPARTMENT OF ENVIRONMENTAL REGULATION

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Interoffice Memorandum

TO: Bill Kellenberger, District Engineer Pensacola

THROUGH: Tom Moody, P.E. Administrator, Pensacola
Satish Kastury, Administrator
Hazardous Waste Regulation

FROM: Bill Neimes, P.E. II *WCV*
Hazardous Waste Regulation

DATE: December 7, 1989

SUBJECT: Safety Kleen - Tallahassee; FLD 982 133 159; H037-171747; Tank
Certification Included with Permit Application.

I have reviewed the tank certification section of the permit application for the subject permit and offer one comment. On page 2 of the Project Observation Report No. 4 done by Wishmeirer & Associates under the heading Dirty Solvent Line from Dirty Pump to Dumpsters, the pressure test results indicate the dumpster connection hoses could not hold the 85 psi test pressure. The engineer ended up testing only the hard piping and not the flexible piping. The Department will need to know, before accepting the tank certification section, if all piping (flexible and hard) passed the pressure tests.

BN/do