



Sump and Spill Bucket Testing Requirements

Bureau of Weights and Measures

WISCONSIN DEPARTMENT OF AGRICULTURE, TRADE AND CONSUMER PROTECTION

Spill Containment Basin (Fill Spill Buckets)



ATCP 93.505(3)(B)

1. All new or existing spill-containment basins shall be tested for leaks at least once every 3 years in accordance with one of the following methods:

- a. Methods prescribed in s. ATCP 93.500 (6) (d).
- b. A code of practice developed by a nationally recognized association or independent testing laboratory.
- c. Other method approved by the department



HYDROSTATIC OR VACUUM



ENFORCEMENT STARTS NOVEMBER 1, 2022



Spill bucket fails require replacement.
(No approved method of repair)

PEI RP 1200 details methods and has test reports



CONTAINMENT SUMP (DISPENSER AND/OR SUBMERSIBLE PUMP)



CONTAINMENT SUMP TEST

ATCP 93.500(8)(c) – Periodic Sump Testing

1. Except for double-walled containment with continuous electronic pressure, vacuum, or liquid-filled interstitial monitoring, all new or existing containment sumps that are part of a piping interstitial monitoring system (IM) shall be tested for leaks at least once every 3 years in accordance with one of the following methods:

a. Methods prescribed in sub. (6) (d).

b. A code of practice developed by a nationally recognized association or independent testing laboratory.

c. Another method approved by the department.

2. Containment sump tightness testing shall be performed by a person with no personal or monetary interest in the facility and whose employer has no personal or monetary interest in the facility



PIPING IM SYSTEM – INSTALLATION DATE

Piping installed before 2009

Other forms of line leak detection can be used (Examples: Pressurized line leak detection, SIR, Precision Tightness Testing)

NO testing is required unless piping has IM as registered monitoring system

Piping installed 2009-present

IM is the required form of leak detection

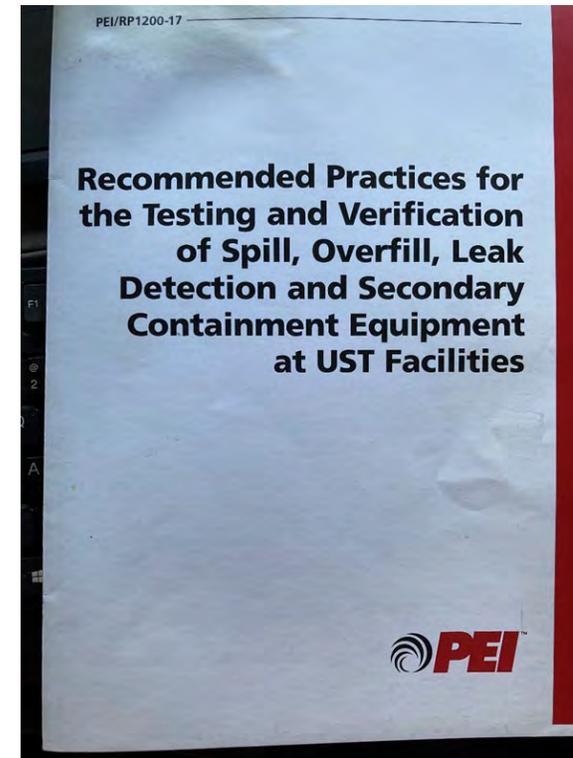
Testing is **REQUIRED** every 3 years



APPROVED METHODS

ATCP 93.500(6)(d) says : (d) *Sumps.*

I. Secondary containment sumps shall be fabricated and installed in a manner that prevents release of liquids. These sumps shall be tested for leaks hydrostatically at installation, in accordance with the manufacturer's instructions and the adopted standard PEI RP 1200



WHO CAN TEST



Containment sump tightness testing shall be performed by a person with no personal or monetary interest in the facility and whose employer has no personal or monetary interest in the facility.

However, the service tech is not required to have any special credentials.



OPEN SYSTEM VS. CLOSED SYSTEM



CLOSED



OPEN



ALL TESTS INCLUDE A VISUAL INSPECTION THAT IS PASS/FAIL



ENFORCEMENT STARTS NOVEMBER 1, 2022



Sumps can be repaired one time.
Replacement is required upon 2nd failure.

Entrance boots cannot be repaired or coated. Boots must be replaced.



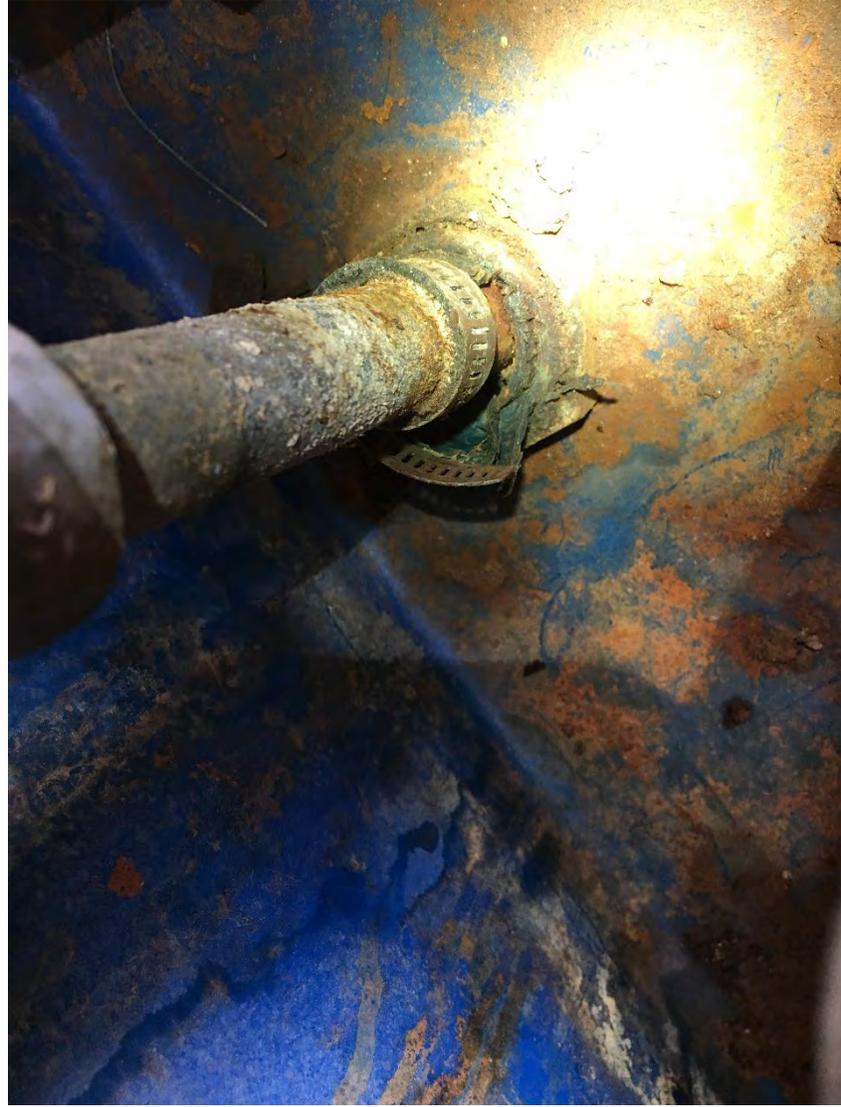
EXAMPLES OF WHY AN INSPECTOR WRITES AND ORDER

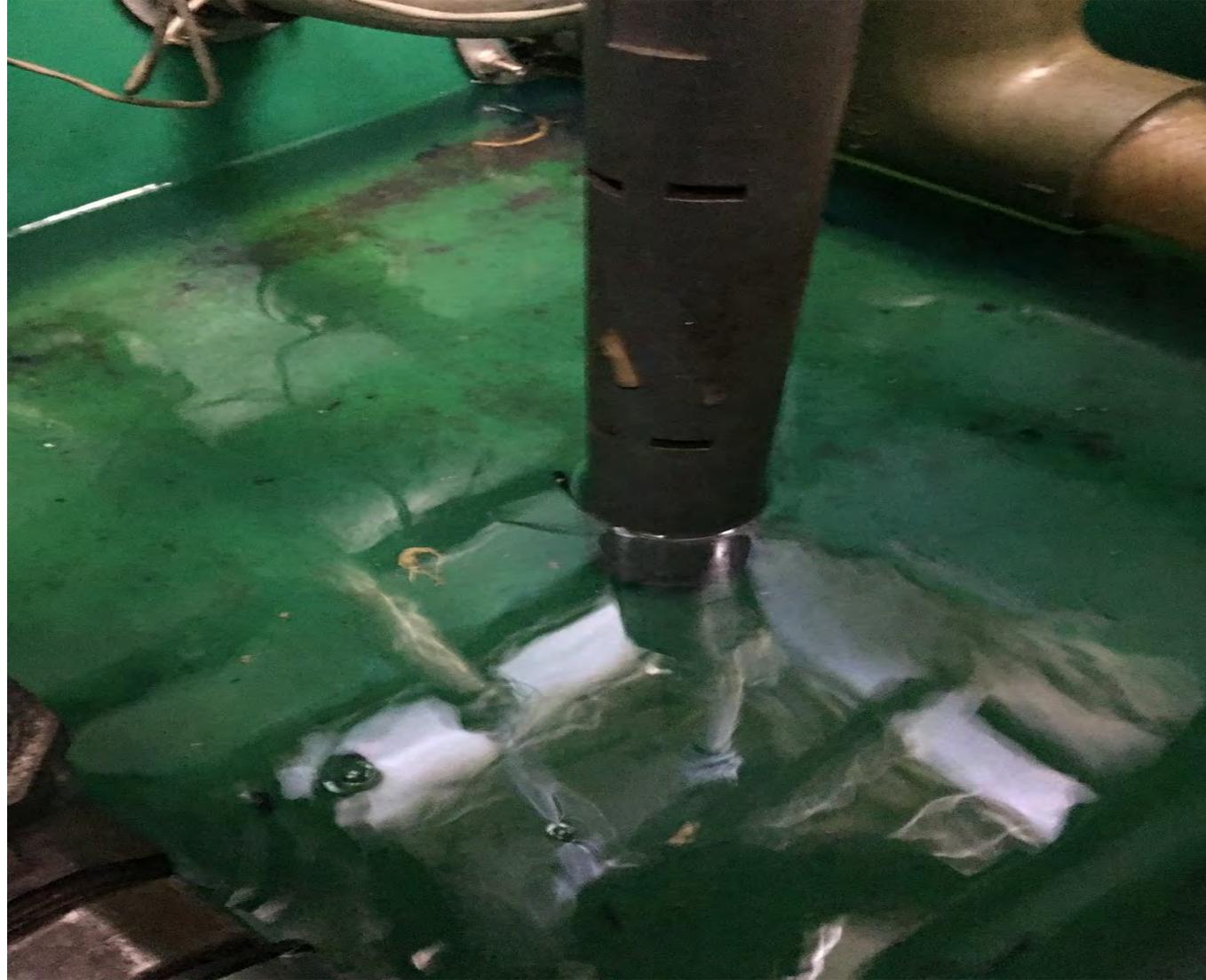












RAISING SENSOR GUIDANCE

ATCP 93.515(8)(d) – Sensor alarms must be responded to within 30 minutes.

Violation of ATCP 93.175(4) - *Prohibited Practices - Unauthorized altering or disabling of any system covered in this chapter.*

A technician certified by the equipment manufacturer will be required to verify functionality of the equipment.



SUMMARY – STARTING NOVEMBER 1, 2022

All spill buckets are required to be tested every 3 years.

If the registered leak detection method for piping is Interstitial Monitoring (IM) testing IS required every 3 years.

If the piping was installed previous to 2009 and the registered leak detection method is not Interstitial Monitoring, testing is NOT required.

An Inspector can write an Administrative Order for testing based on visual or unusual operating conditions.





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