



STATE OF MISSISSIPPI
PHIL BRYANT
GOVERNOR
MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
GARY C. RIKARD, EXECUTIVE DIRECTOR

OVERFILL ALTERNATIVE RULE FOR PRE-2015 INSTALLATIONS


During an overfill inspection, if the overfill device flow shutoff exceeds 95%, MDEQ allows the alternative rule which states "flow shutoff prior to top fittings wetted". If you are using the alternative rule to pass overfill inspections, MDEQ requires the following certified contractor oath:

"I certify that the overfill device is installed on the low end of the tank and the flow shutoff occurs prior to top fittings wetted. I acknowledge that if MDEQ determines the previous statement to be incorrect that I can be subject to penalties and/or licensure revocation"

The MDEQ does not intend for a new install to use this alternative rule, but will allow existing installations to use this rule.

An example has been attached for reference. The example shows that the cutoff % is recorded (if > 95%, then alternative rule would need to be in play). On the overfill inspection form for "Inspection Result (Pass/Fail)", state "Passed using alternative rule – Flow shutoff prior to top fittings wetted", then in the comments section or on attached page, add the statement below signed and dated:

"I certify that the overfill device is installed on the low end of the tank. I acknowledge that if MDEQ determines the previous statement to be incorrect that I can be subject to penalties and/or licensure revocation"


Mike Pigford
ECED-UST
3/15/17

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

ANNUAL OVERFILL PREVENTION DEVICE INSPECTION

> Inspection of all overfill devices is required at least once every 12 months.
 > In the absence of a recognized industry procedure or manufacturer's recommended practice the "MDEQ Overfill Device Inspection Procedure" outlined below may be utilized.

Date of Inspection

| UST Facility | | | Person Conducting Inspection | |
|------------------|--------------------|--------------------|------------------------------|-------|
| Facility Name | MDEQ Facility ID # | Inspector's Name | | |
| Physical Address | | | Company | |
| City | County | State MS | City | State |
| UST Owner | | | Inspector's Signature | Date |

MDEQ Overfill Prevention Device Inspection Procedure

| | |
|-------------------------|--|
| Ball Float Valve | <ol style="list-style-type: none"> 1. Remove fitting/cap and visually confirm that ball float valve is present and in good condition. 2. Ensure all tank top fittings are in good condition and appear to be vapor tight. 3. Ensure that "standard" drop tubes are properly installed in the tank fill riser. 4. Ensure that ball float valve is installed correctly in accordance with the manufacturer's requirements. 5. If there are any questions about functionality, remove, inspect, and reinstall device (see note below). |
| Drop Tube Device | <ol style="list-style-type: none"> 1. Remove tank fill cap and visually confirm that drop tube device is present and not obstructed. 2. Ensure that tight-fill adapter on fill riser is tight and in good condition. 3. Ensure that the drop tube assembly is in good condition and all necessary gaskets/seals are in place. 4. Ensure that the drop tube device is installed correctly in accordance with manufacturer's requirements. 5. If there are any questions about functionality, remove, inspect, and reinstall device (see note below). |
| Electronic Alarm | <ol style="list-style-type: none"> 1. Remove the electronic alarm device from the tank and visually inspect for damage or corrosion. 2. Ensure the device functions correctly by causing an alarm condition (e.g. slide float upward). 3. Reinstall the electronic alarm device in accordance with the manufacturer's requirements (see note below) 4. Ensure that alarm is audible and identifiable by the delivery person as an overfill alarm. |

Note: MDEQ certification as a UST installer is required to install overfill prevention devices.

Inspection Results for the Year

| | | | | |
|-----------------------------------|--|-----|--|--|
| Tank ID (product stored) | UNL | | | |
| Tank diameter (inches) | 120 | | | |
| Overfill device present (yes/no) | YES | | | |
| Device in good condition (yes/no) | YES | | | |
| Ball Float Valve | All tank top fittings are tight (yes/no) | | | |
| | Standard drop tubes are installed in tank fills (yes/no) | | | |
| | Distance below top of tank that ball float valve is set (inches) | | | |
| | Indicate tank capacity when flow restriction occurs (%) | | | |
| Drop Tube Device | Tight fill adapter installed and is in good condition (yes/no) | YES | | |
| | Assembly and all gaskets/seals in good condition (yes/no) | YES | | |
| | Distance below top of tank that drop tube device is set (inches) | 8 | | |
| | Indicate tank capacity when complete shut off occurs (%) | 98% | | |
| Electronic Alarm | Alarm is audible to delivery driver (yes/no) | | | |
| | Alarm is identifiable by delivery driver (yes/no) | | | |
| | Distance below top of tank that electronic alarm is set (inches) | | | |
| | Indicate tank capacity when alarm occurs (%) | | | |

Inspection result (Pass/Fail)

Passed using Alternative Rule-Flow Shutoff Prior to Top Fittings Welded.

I certify that the OF device is installed on the low end of the tank. I acknowledge that if MDEQ determines that the previous statement to be incorrect, that I can be subject to penalties and/or license revocation. Signature _____ Date _____

Comments: