

# MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

## ANNUAL AUTOMATIC TANK GAUGING EQUIPMENT INSPECTION

- |   |                    |
|---|--------------------|
| <ul style="list-style-type: none"> <li>➤ This form may be utilized to document the proper operation of automatic tank gauging (ATG) equipment.</li> <li>➤ Only that automatic tank gauging equipment that is utilized to meet the tank leak detection requirements by conducting monthly leak testing (0.2 gph) of tanks is required to be inspected once every 12 months.</li> <li>➤ In the absence of a recognized industry procedure or manufacturer's recommended practice, the methodology outlined below (see "MDEQ Automatic Tank Gauging Equipment Inspection Procedure") may be utilized.</li> </ul> | Date of Inspection |
|---|--------------------|

UST Facility		Person Conducting Inspection	
Facility Name	MDEQ Facility ID #	Inspector's Name	
Physical Address		Company	
City	State <b>MS</b>	City	State
County		Inspector's Signature	Date

### Automatic Tank Gauging Equipment Identification

Manufacturer	Model	Console Serial Number
--------------	-------	-----------------------

### MDEQ Automatic Tank Gauging Equipment Inspection Procedure

1. Inspect console and ensure all functions are normal and no alarm condition exists.
2. Confirm that both the visual and audible alarms function correctly.
3. Verify that the correct set-up parameters are input and the automatic tank gauge is performing 0.2 gph leak testing.
4. Ensure that the owner is maintaining a monthly record of "passing" 0.2 gph leak tests for all tanks.
5. Remove tank probes and clean ensuring all floats move freely and the probe is in good condition.
6. Measure the fuel and water contents of the tank and compare the manually obtained fuel/water levels with the automatic tank gauge inventory report ensuring that they are the same.
7. Reinstall probes ensuring that the tank riser cap seals properly and the communication cable seal is tight.

### Inspection Results for the Year

Tank / Compartment Identification						
Probe Serial Number						
Console functions are normal and no alarm condition exists (yes/no)						
Visual and audible alarms tested and function correctly (yes/no)						
Correct parameters are input and 0.2 gph leak testing performed (yes/no)						
Owner maintaining records of passing leak tests for each month (yes/no)						
All tank probes are in good condition and functioning (yes/no)						
Manually obtained inventory indicates ATG inventory is correct (yes/no)						
Tank cap, seals and communication cable are in good condition (yes/no)						
Inspection Result (Pass/Fail)						

Comments: