

Mississippi Department of Environmental Quality

MANUAL TANK GAUGING RECORD

- This form maybe utilized to document manual tank gauging leak detection results.
- Test procedure maybe found under EPA publication 510-B-93-005.
- MDEQ modified weekly / monthly standards below for Pass / Fail criteria.

| Facility Information | | | | Test Information | |
|----------------------|---------------|----------------|------------------------|------------------|------|
| Facility ID #: | | Facility Name: | | Month | Year |
| Tank Identification | Tank Capacity | Tank Diameter | Person Completing Form | | |

| Select tank size, test duration, and weekly / monthly standard in table below: | | | | | General Instructions | |
|--|---|-------------------|--------------------------|-------------------------------------|---|--|
| | Tank Size | Minimum Test Time | Weekly Standard (1 Test) | Monthly Standard (4 – Test Average) | <ul style="list-style-type: none"> ➤ Gauge water and fuel levels to the nearest 1/8 inch. ➤ Utilize water finding paste to determine water level. ➤ Should water be present either before or after the test, documentation of water level is required. Water is subject to the same weekly / monthly standards shown in the table. ➤ For both fuel and water levels, compare your weekly readings and the monthly average of the 4 weekly readings with the standards shown in the table. ➤ If either the weekly or monthly standards have been exceeded for either fuel or water, the UST may be leaking and should be reported to MDEQ within 24 hours as a suspected release. ➤ Tank Tightness testing every 5 years as indicated. | |
| <input type="checkbox"/> | Up to 550 gallons | 36 hours | 10 gallons | 5 gallons | | |
| <input type="checkbox"/> | 551 – 1,000 gallons <i>(when tank diameter is 64")</i> | 44 hours | 9 gallons | 4 gallons | | |
| <input type="checkbox"/> | 551 – 1,000 gallons <i>(when tank diameter is 48")</i> | 58 hours | 12 gallons | 6 gallons | | |
| <input type="checkbox"/> | 551 – 1,000 gallons <i>(requires periodic tank tightness testing)</i> | 36 hours | 10 gallons | 5 gallons | | |
| <input type="checkbox"/> | 1,000 – 2,000 gallons <i>(requires periodic tank tightness testing)</i> | 36 hours | 13 gallons | 7 gallons | | |

| Start Test | First Initial Stick Reading (inches) | Second Initial Stick Reading (inches) | Average Initial Reading (inches) | Initial Gallons (convert inches to gallons) [a] | End Test | First End Stick Reading (inches) | Second End Stick Reading (inches) | Average End Reading (inches) | End Gallons (convert inches to gallons) [b] | Change in Tank Volume In Gallons (+ / -) [a - b] | Tank Passes Test Mark One |
|--------------|--------------------------------------|---------------------------------------|----------------------------------|---|--------------|----------------------------------|-----------------------------------|------------------------------|---|--|--|
| Date: | Fuel | Fuel | Fuel | Fuel | Date: | Fuel | Fuel | Fuel | Fuel | Fuel | <input type="checkbox"/> Pass <input type="checkbox"/> Fail |
| | Time: AM / PM | Water | Water | Water | | Water | Time: AM / PM | Water | Water | Water | |
| Date: | | Fuel | Fuel | Fuel | Fuel | Date: | | Fuel | Fuel | Fuel | Fuel |
| | Time: AM / PM | Water | Water | Water | Water | | Time: AM / PM | Water | Water | Water | Water |
| Date: | | Fuel | Fuel | Fuel | Fuel | Date: | | Fuel | Fuel | Fuel | Fuel |
| | Time: AM / PM | Water | Water | Water | Water | | Time: AM / PM | Water | Water | Water | Water |
| Date: | | Fuel | Fuel | Fuel | Fuel | Date: | | Fuel | Fuel | Fuel | Fuel |
| | Time: AM / PM | Water | Water | Water | Water | | Time: AM / PM | Water | Water | Water | Water |

| | | | | |
|---|---|--------------|--|--|
| PRODUCED BY THE MISSISSIPPI DEPT. OF ENVIRONMENTAL QUALITY, OFFICE OF POLLUTION CONTROL, UST BRANCH PO BOX 2261, JACKSON, MS 39225 PHONE (601) 961-5171 FAX (601) 961-5093 http:// www.mdeq.ms.gov 3/2023 | To see how close you are to the monthly standard, divide the sum of the 4 weekly readings by 4 and enter result here. Perform the calculation for both fuel and water. | Fuel | | <input type="checkbox"/> Pass <input type="checkbox"/> Fail |
| | | Water | | <input type="checkbox"/> Pass <input type="checkbox"/> Fail |