



# Performing a Leak Analysis in Operate

Use the following procedures to perform a Leak Analysis and print a Leak Test Report.

Prerequisites: You must belong to a FuelsManager user group with appropriate security access rights to view and modify. Some pages may not be available for entry or edit depending on your user security rights.

**The Leak Detection license must be installed for Leak Detection to function correctly.**

Leak Analysis allows you to analyze tanks to see if there is a leak associated with the tank, as well as how much fuel has leaked. You may perform a Leak Analysis in Operate.

For more information on configuring the Leak Detection feature for FuelsManager, refer to [QRG525: Configuring Leak Detection](#).

## 1 Run a Leak Analysis

Follow the steps below to run a Leak Analysis:

- 1) Open **FuelsManager**.
- 2) From the menu, select **Operations > Inventory Management > Operate**. The Operate page displays.
- 3) Hover over the **Task Groups menu**  icon. The Task Groups menu displays.
- 4) Select **Leak Analysis**. The Point Leak Analysis menu displays.
- 5) Select the **Point** in which you want to perform a Leak Analysis. The Leak Analysis dialog displays.  
*You may enter the **Point Name** to locate a particular Point and filter the list, if desired.*
- 6) On the *General* section of the dialog, set the **Start Time** and **End Time** (date and time range) in which you want to perform Leak Analysis.
- 7) Click **Run Analysis**. The Results display.  
*Processing may take some time depending on the selected date range and data available.*

Leak Analysis
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**Selected Tank Point**

Point Name: New\_Tanks\_2U

Site Name: Terminal B

**Properties**

Gauge Type: MTS DDA Compatible (Type2)

Analysis Method: Unrounded Net

Analysis Type: Static

**General**

Start Time:  

End Time:  

**Results**

Test Analysis Status:

Leak Rate:

Elapsed Time:

Min Volume Used:

Max Volume Used:

Min Temp Used:

Max Temp Used:

Temp Change:

## 2 Print a Leak Test Report

You may view a printable version of the leak analysis results, and print if desired.

You can only print a Leak Test Report after running a Leak Analysis. The Print Preview button remains disabled until you run a Leak Analysis.

[Run a Leak Analysis](#) before performing the procedure below.

Follow these steps:

- 1) Click **Print Preview** to preview the *Leak Test Report*.
- 2) To print, right click on the report screen and select **Print** from the context menu, or press **Ctrl + P** on the keyboard. The Print window displays.
- 3) Select an active **Printer**.  
The printers that are listed are printers configured in Windows.
- 4) Click **Print**. The report prints.

**Selected Tank Point**

Point Name: New\_Tanks\_2U  
 Site Name: Terminal A

**Properties**

Gauge Type: MTS DDA Compatible (Type2)  
 Analysis Method: Unrounded Net  
 Analysis Type: Static

**General**

Start Time: 6/7/2023 04:46:00 PM

End Time: 6/8/2023 04:46:00 PM **Run Analysis**

**Results** **Print Preview**

Test Analysis Status: Test Failed  
 Calculated Leak Rate is above Leak Threshold

Leak Rate: -0.109 gph (US)  
 Elapsed Time: 24:00:00 hh:mm:ss  
 Min Volume Used: 7963.7511 gal (US)  
 Max Volume Used: 7965.9015 gal (US)  
 Min Temp Used: 59.30003 °F  
 Max Temp Used: 59.33910 °F  
 Temp Change: 0.03906 °F

### Leak Test Report - Static

06/22/2023 16:49

Terminal B.New\_Tanks\_2U

**Test Results**

Test Result	Test Failed	Leak Thresholds	0.100 gph (US)
Calculated Leak Rate	-0.109 gph (US)	Certification Rate	0.200 gph (US)

**Test Data Summary**

Test Period	06/07/2023 16:46 to 06/08/2023 16:46		
Test Duration:	24:0:0 h:m:s	Minimum Temperature:	59.30003 °F
Product Level Used - Start:	7-11-08 ft-in-16th	Maximum Temperature:	59.33910 °F
Product Level Used - End:	7-11-08 ft-in-16th	Delta Temperature:	0.03906 °F
Water Level Used - Start	0-00-00 ft-in-16th	Minimum Volume Used:	7,963.7511 gal (US)
Water Level Used - End	0-00-00 ft-in-16th	Maximum Volume Used:	7,965.9015 gal (US)

**Tank Characteristics :**

Date Installed:	10 May, 2017	Lining Material:	Lining Material Desc
Automatic Tank Gauge:	MTS_DDA_Compatible_Type2	Construction Material:	MildSteel
Leak Detection System:	FuelsManager	Cathodic Protection:	No
Tank Radius:	99-00-00 ft-in-16th	Overflow Protection:	No
Tank Length/Height:	10-00-00 ft-in-16th	Spill Protection:	No
Tank Volume:	10,000.0000 gal (US)		

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