



# Precision Leak Measurement Report

Customer Information:

FISC Red Hill  
Pearl Harbor, HI

Project Manager:

Mr. Christopher Caputi

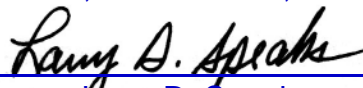
Mass Technology Site Supervisor

Jimmy Wolford

Scope of Work:

Furnish all required management, labor, services, materials and equipment to perform precision tightness testing of Tank # 15 an underground fuel storage tank located at FISC Red Hill, Pearl Harbor, HI.

Report compiled by:

  
Larry D. Speaks

Date: 03-20-2008

I declare under penalty of perjury that I am a licensed tank tester in the State of California and that the information contained in this report is true and correct to the best of my knowledge.

Test performed by:

  
Jimmy Wolford

Date: 03-20-2008

License number: 90-1286

Mass Technology Corporation  
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## Executive Summary

Testing of the 12,600,000 gal underground storage tank located at FISC Red Hill, Pearl Harbor, Hawaii commenced March 6, 2008 and was completed March 11, 2008. The tank was filled with DFM and a precision leak test was conducted. The result of that test indicates the tank is tight. Testing was performed using Mass Technology Corporation protocols set out in the third party evaluations. All tank valves were adequately secured such that any fluid loss was isolated to leakage. Therefore, the containment integrity of the tank was not compromised and the test is considered conclusive.

**Tank 15: After 120 hours of testing the tank is certified tight.**

## Tank Data Tank 15

Diameter: 100 ft.  
Tank Type: Vertical Underground  
Contents: DFM  
Properties: 0.84 Specific Gravity  
Product Level: 211 ft.

Height: 250 ft.

## Test Data

Start Date: 03-06-2008  
Completion Date: 03-11-2008  
Unit Operator: Jimmy Wolford

## Test Results

Certified Tight

## Summary of Results

The fluid mass data was recorded over a 120-hour test period. A linear regression of the recorded fluid mass data resulted in no leak detected above the minimum detection level of 0.5 gallons per hour. All tank valves were adequately secured such that any fluid loss was isolated to leakage. Therefore, the containment integrity of the tank has not been compromised and the tank is considered not to be leaking.

