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

Larry D. Speaks

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: _____ Date: 03-20-2008

Jimmy Wolford

License number: 90-1286

Mass Technology Corporation
P. O. Box 1578
Kilgore, Texas 75662
Phone (903) 986-3564
Fax (903) 984-3569

Table of Contents

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.** **Height:** **250 ft.**
Tank Type: **Vertical Underground**
Contents: **DFM**
Properties: **0.84 Specific Gravity**
Product Level: **211 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.