

## QUALITY VALIDATION (QV) REPORT

### Red Hill Bulk Fuel Storage Facility Defuel

Validation Firm	<b>(b) (4)</b>	Repair No.	084	
Address	<b>(b) (4)</b>	Repair ID	JP5.026	
Contract No.	FA890315D0007, D.O. FA8903-19-F-0027		Report Date	02 SEP 2023
QV Engineer	<b>(b) (6)</b>			

### VALIDATION

Source	PDF Page No.	Facility Geographic Area	Location Reference				
NDA	50	<b>(b) (3) (A)</b>					
Repair Description	<b>(b) (3) (A)</b> (Repair Description continued in Comments below)		Source Contract Reference 47QSHA18D000Y W912DY21F0025 Service Order 652				
Description of Contractor QC Method(s) Used	Methods outlined in detail in QCP. Visual Examination of threaded component assembly. Re-work: Nitrogen test 1 hour/120 PSI. Apply soap to affected joints to detect leaks.		Contractor QC Records Reviewed QCP and Daily Reports.				
Description of QA Validation and Observations	Methods outlined in QASP. JTF-RH witness of nitrogen test for rework.  Final acceptance by government. Date: 01 SEP 2023						
Rework Needed		Photo Record Attached	Repair Work Validated as Complete				
<input type="radio"/>	Yes	<input checked="" type="radio"/>	No	<input checked="" type="radio"/>	Yes	<input type="radio"/>	No

**Comments**

Repair Description cont. "Moderate corrosion was observed on low point drain piping adjacent to PS-690. Notable corrosion was observed on LPD pipe adjacent to isolation valve #0156. Valve classification is unknown. Replace."  
 UPDATE: During repacking, threaded connections were monitored for weeps. A drip developed on the threaded connection between the new LPD and the existing o-let. Crews attempted to remedy by applying additional sealants and tightening the connection to the extent possible. After cure time, the repair was re-inspected and judged to be insufficient. Crews isolated the segment of line between valves and drained using a diaphragm pump. Crews removed the LPD assembly, cleaned o-let threads, installed a new threaded plug with fuel-resistant sealant. Nitrogen test 1 hour/120 PSI no leaks noted.

### CERTIFICATION

I hereby certify that repair work validated in this report was personally substantiated and this report is true.	QV ENGINEER SIGNATURE	<b>(b) (6)</b>
	DATE	02 SEP 2023

# QUALITY ASSURANCE VALIDATION REPORT

## Red Hill Bulk Fuel Storage Facility Defuel



Existing low point drain assemblies in need of service.



Replacement low point drain assemblies.

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Low point drain assembly replaced with threaded plug after draining segment, cleaning threads and applying sealant.



Line segment tested with Nitrogen at 120 psi for 1 hour, with soap testing at affected joints. No leaks noted.