

STORAGE TANK INSPECTION REPORT

Date: June 17, 2013

Equipment ID: NA

Plant	Ansel Process Plant	Op Unit		System	
Asset #		Equipment ID		Asset Type	Above Ground Tank
Description	Water Tank (400 bbl)	Serial #	006782	Year Built	2003
Manufacturer	Nusco				
Code	API 12 F	Fluid Service	WATER	Sweet/Sour	MDMT NA °C
Internal Access	YES	Insulated	YES -- 2" FIBERGLASS	Internal Coating	YES

PSV / VACCUM BREAKER DATA

PSV ID #	Location	Inlet	Size Outlet	Set Pressure	Capacity SCFM / Lbs/Hr / GPM	Manufacturer	Model	Last Service
NA								

INSPECTION SUMMARY

Internal Coating applied – (likely from manufacturer) Devoe – Devchem 253.
 Tank is in good condition. There are a few areas where the coating has been damaged and requires repair along with 2 areas on the manway.
 Tank anodes are both 50 % consumed. This indicates the anodes are doing their required job.
 There is a heating coil near the bottom of the tank. The operating temp of the coil is 160 C approximately. At present, it is unknown if Devoe Devchem 253 will resist deterioration at this elevated temperature.

RECOMMENDATIONS

Request that "Western Quality Services" conduct the required tank repairs. [WQS has been contacted and will conduct the necessary repairs as described.](#)

NONCONFORMANCES / INSPECTION DEFICIENCIES

No NCR's have been found.

INSPECTION PLANNING

Inspection Strategy	Availability	Inspection Interval	5 years
Inspection Date	June 17, 2013	Date of Last Inspect	Unknown
		Date of Next Inspect	June 17, 2018

REPORT CERTIFICATION

The signatures below certify that inspections/tests have been completed in accordance with the identified inspection strategy and that the specified equipment is considered fit for service until the date of next inspection.

Inspected by	Les Deverill	API 510 (# 5650)	Date	June 17, 2013
Reviewed and Approved by			Date	
Criticality Assessment Rerun		Inspection Planning Rerun		
Assessed Next Inspection Date	June 17, 2018			

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PHOTOS



Water Tank -- Coating Holiday #1



Water Tank -- Coating Holiday #2



Water Tank -- Coating Holiday #3



Water Tank -- Coating Holiday #4



Water Tank -- Coating Holiday #5-6



Water Tank -- Nameplate

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Water Tank -- Tank Anode



Water Tank #1