

Plant ID:	N-COMP-STN	Equipment Type:	Vessel
Equipment Number:	V12-JN02	Equipment Name:	HYDROCARBON WATER SEPARATOR
ERP Number:	CA.CRL.NCS-V12-JN02	In Service:	<input type="checkbox"/>
Classification:	Equipment		

Integrity Report

IR Memo No:	10169	Title:	2010 NCS TA INTERNAL INSPECTION
Report Number:		Date Inspected:	9/18/2010
Date Created:	9/18/2010	Date Completed:	2/15/2013
Job File Number:		Assigned User:	
Workorder No:	23008430		
Created By:		Completed:	<input checked="" type="checkbox"/>
Extent:	Full	Stream:	Internal
A I Name:	H Fear	Visual External:	<input type="checkbox"/>
Chief Inspector:		Reason for Inspection:	Routine
Chief Insp. Date:		Work Event:	
Operating Time:		Reset Operating Time:	<input type="checkbox"/>
Regulatory Comment:			

Contributors

Inspector Name:	Harley Fear	Department:	
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Executive Summary

Inspection Summary: The vessel was taken out of service to facilitate an internal visual inspection and repair(lengthen) to stad pipe. After CEDA completed a 3 stage chemical wash and vessel was high pressure water washed by Capital the vessel was very clean for inspection. The internal condition of vessel was in good condition with no major corrosion observed on vessel internals.

The stand pipe was lengthened to facilitate better hydrocarbon separation.

The vessel inspection reproted completed as full. Current business case for the NCS is that the station is only expected to operate for the next 3-5 years. At that time the station will be decommissioned.

Vessel [V12-JN02] Details

Problem Code:		Detail Completed:	<input type="checkbox"/>
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IR Details: The vessel was taken out of service to facilitate an internal visual inspection and repair(lengthen) to stad pipe. After CEDA completed a 3 stage chemical wash and vessel was high pressure water washed by Capital the vessel was very clean for inspection.

- No areas of corrosion observed on vessel shell or in boot.
- All nozzles appeared to be clean with no notable corrosion observed.
- Inlet nozzle and deflector plate sound, no erosion or corrosion observed.
- Mill marks observed on shell to 1mm in depth throughout.
- Standpipe and vortex breaker sound with no corrosion observed.
- All welds visualy inspected were found in good condition with no defects observed.
- Manway nozzle and cover flange good-no corrosion identified.
- Both heads in good condition-no notable corrosion observed.

Overall vessel in good condition. MPI of welds was waved as no active corrosion was observed in vessel.

The standpipe was cut and new section added to allow for better condensate separation. The total height from bottom of the standpipe(vessel shell) to the top of the standpipe is 56 1/4".

During the repair part of QC which called for MPI of weld was waved by

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[Integrity Report](#)  
[Vessel \[V12-JN02\] Details](#)

Engineering and only a visual inspection of the finished weld was completed.

The vessel inspection reported completed as full. Current business case for the NCS is that the station is only expected to operate for the next 3-5 years. At that time the station will be decommissioned.

[Process History](#)

Process/History Category:

[Attachments](#)

Attachment No:	1	File Size:	3058 KB
Attach Type:	Embedded	File Name:	IMG_2592.JPG
Description:	STAND PIPE AS FOUND BEFORE MODIFICATIONAS		



Plant ID: N-COMP-STN  
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 Classification: Equipment

Equipment Type: Vessel  
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 In Service:

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Title: 2010 NCS TA INTERNAL INSPECTION

Attachments

Attachment No: 2  
 Attach Type: Embedded  
 Description: Inlet Nozzle and Deflector Plate

File Size: 1483 KB  
 File Name: IMG\_2591.JPG



Attachment No: 6  
 Attach Type: Embedded  
 Description: Stand Pipe Repair

File Size: 2501 KB  
 File Name: IMG\_2601.JPG





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Attachments

Attachment No: 4  
 Attach Type: Embedded  
 Description: Stand Pipe Repair

File Size: 2090 KB  
 File Name: IMG\_2603.JPG



Attachment No: 5  
 Attach Type: Embedded  
 Description: Stand Pipe Repair

File Size: 1423 KB  
 File Name: IMG\_2602.JPG



Plant ID: N-COMP-STN  
 Equipment Number: V12-JN02  
 ERP Number: CA.CRL.NCS-V12-JN02  
 Classification: Equipment

Equipment Type: Vessel  
 Equipment Name: HYDROCARBON WATER SEPARATOR  
 In Service:

Integrity Report

IR Memo No: 10169

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Attachments

Attachment No: 3  
 Attach Type: Embedded  
 Description: Boot Section of Vessel after cleaning

File Size: 2896 KB  
 File Name: IMG\_2590.JPG



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Date

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Date

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Inspector

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Chief Inspector