

Inspection Output (IOR)

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Inspection Information

Inspection Name	7540 CNG DIMP WA 2018	Operator(s)	CASCADE NATURAL GAS CORP (2128)	Plan Submitted	04/12/2017
Status	LOCKED	Lead	Dennis Ritter	Plan Approval	04/17/2017 by Joe Subsits
Start Year	2017	Team Members	Scott A Rukke	All Activity Start	12/10/2018
System Type	GD	Supervisor	Joe Subsits	All Activity End	12/12/2018
Protocol Set ID	GD.2016.02	Director	Alan E. Rathbun, Sean Mayo	Inspection Submitted	01/08/2019
				Inspection Approval	01/08/2019 by Sean Mayo

Inspection Summary

Inspection Scope and Summary

This is a gas Distribution Integrity Management Program headquarters inspection. The last DIMP headquarters inspection was conducted jointly with Oregon and Idaho in August 2012.

The August 2012 inspection resulted in 9 probable violations of CFR and WAC codes. CNG revised their DIMP program and brought it into compliance.

Inspection will use the Gas Distribution Integrity Management question set (GDIM). Specific to NTSB Recommendation P-18-001 and P-18-002, operator will be asked how they incorporate best practices recommended by the manufacturer as well as external sources of information for threats into their DIMP (this is in response to Permalock Tapping Tees improperly installed and causing incidents).

This inspection will also address the 2-inch oxy-acetylene welds from the period of 1967-1970.

Export question set sent to Mike Eutsey on 1/17/2017 and Chris Grissom 11/5/18

Inspection assigned to Dennis Ritter, WUTC, 7/2018.

Inspection dates set for the week of December 10, 2018, Kennewick WA.

Inspection 7540

Facilities visited and Total AFOD

DIMP records located at HQ in Kennewick, WA. With travel total AFODs is 3 days

Summary of Significant Findings (DO NOT Discuss Enforcement options)

Reviewed records and procedures associated with DIMP. Reviewed how CNGC addressed the vintage weld issue (2-inch welds), Permalock Tapping tees, and MAOP validation findings. Additional risk is assigned to pipeline segments which are applicable to these

threats. CNGC is in the process of evaluating how many Permalock tees are in their system. Its is currently less than 500 and isolated to the Mt. Vernon District. To date CNGC has not had any leaks associated with any PE tapping tees. Risk and model runs were vetted by SME panel (east and west side of Cascade Range).

There were no findings or concerns resulting from the inspection.

Primary Operator contacts and/or participants

Sam Hamilton, Pipeline Safety Specialist

Kathleen Chirgwin, PE, Engineer III, System Integrity

Mike Schoepp, Director of Operations Services, MDU

Operator executive contact and mailing address for any official correspondence

Eric Martuscelli

Vice President-Operations

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Scope (Assets)

#	Short Label	Long Label	Asset Type	Asset IDs	Excluded Topics	Planned	Required	Total Inspected	Required % Complete
1.	DIMP	DIMP Headquarters	other	Headquarters	Storage Fields Bottle/Pipe - Holders Offshore GOM OCS Cast or Ductile Iron Copper Pipe Aluminum pipe	85	85	85	100.0%

1. Percent completion excludes unanswered questions planned as "always observe".

Plans

#	Plan Assets	Focus Directives	Involved Groups/Subgroups	Qst Type(s)	Extent	Notes
1.	DIMP	n/a	GDIM	P, R, O, S	Detail	

Plan Implementations

#	Activity Name	SMART Act#	Start Date End Date	Focus Directive	Involved Groups/Subgroups	Assets	Qst Type(s)	Planned	Required	Total Inspected	Required % Complete
1	Headquarters Inspection	--	12/10/2018 12/12/2018	n/a	all planned questions	all assets	all types	85	85	85	100.0%

1. Since questions may be implemented in multiple activities, but answered only once, questions may be represented more than once in this table.
2. Percent completion excludes unanswered questions planned as "always observe".

Forms

No.	Entity	Form Name	Status	Date Completed	Activity Name	Asset
1.	Attendance List	Headquarters Inspection	COMPLETED	12/13/2018	Headquarters Inspection	DIMP

Results (Unsat,Concern values, 0 results)

This inspection has no matching Results.

Report Parameters: Results: Unsat,Concern

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