

**Utilities and Transportation Commission  
Standard Inspection Report for Intrastate Gas Distribution Systems  
Records Review and Field Inspection**

S – Satisfactory    U – Unsatisfactory    N/A – Not Applicable    N/C – Not Checked  
If an item is marked U, N/A, or N/C, an explanation must be included in this report.

A completed **Standard Inspection Checklist, OQ Field Validation Protocol form and Cover Letter/Field Report** are to be submitted to the Chief Engineer within **30 days** from completion of the inspection.

Inspection Report			
Inspection ID/Docket Number	2654		
Inspector Name & Submit Date	Dennis Ritter, Anthony Dorrough		
Chief Eng Name & Review/Date	Joe Subsits, 10/23/2013		
Operator Information			
Name of Operator:	Cascade Natural Gas	OP ID #:	2128
Name of Unit(s):	Yakima/Sunnyside		
Records Location:	Yakima		
Date(s) of Last (unit) Inspection:	August 23 – 27, 30 & 31, September 1 – 3 & 13 – 16, 2010	Inspection Date(s):	9/23—9/27/2013

Inspection Summary:
<p>The 2013 Std Inspection for CNG Yakima/Sunnyside District was conducted in Yakima County at the CNG Shop and locations as noted in the inspection form. Records were reviewed at CNG’s shop as well as at WUTC’s office prior to field visit. Field and OQ assessments were conducted as follows: CP pipe to soil, isolation, casing and rectifier inspections; r/w patrols; pressure regulator and relief lock-up ; block valve operation; odorant level check.</p> <p>The following issues were noted during the inspection:</p> <p>1) 480-93-200(10)(a) A copy of PHMSA F-7100.1-1 and F-7100.2-1 annual report required by U.S. Department of Transportation, PHMSA/Office of Pipeline Safety--Issue is that the annual reports back to 2011 includes 9 miles in 2011 and 0 in 2012. CNG has more than this and they are looking into this based on GIS not accounting database.</p> <p>2) 480-93-185(1) Reported gas leaks promptly investigated? Graded in accordance with 480-93-186? Records retained? See list of CNG 293 Forms CNG failed to record leaks in 2011, 2012 and 2013.</p>

HQ Address:	System/Unit Name & Address:	
Cascade Natural Gas Corporation 8113 W. Grandridge Blvd Kennewick WA 99336	Cascade Natural Gas Corporation/Yakima-Sunnyside District 701 S. 1 <sup>st</sup> St Yakima, WA 980	
<b>Co. Official:</b> Eric Martuscelli	<b>Phone No.:</b>	509-457-8167
<b>Phone No.:</b> (509) 572-0294	<b>Fax No.:</b>	509-457-8112
<b>Fax No.:</b> (509) 737-9803	<b>Emergency Phone No.:</b>	888-522-1130
<b>Emergency Phone No.:</b> 1-888-522-1130		
Persons Interviewed	Title	Phone No.
Tina Beach	Manager, Standards & Compliance	509-734-4576
Vicki Ganow	Pipeline Safety Specialist	360-788-2381
Kevin McCallum	Pipeline Safety Specialist	509-736-5542
Chris Grissom	Pipeline Safety Specialist	541-706-6292
Roy Klein	District Ops Manger	509-225-3709
Theresa Browne	Pipeline Safety Specialist	208-377-6092
Chris Rivas	District Manager	509-

**WUTC staff conducted an abbreviated procedures inspection on 192 O&M and WAC items that changed since the**

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<b>last inspection. This checklist focuses on Records and Field items per a routine standard inspection.</b> (check one below and enter appropriate date)			
<input type="checkbox"/>	Team inspection was performed (Within the past five years.) or,	<b>Date:</b>	
<input checked="" type="checkbox"/>	Other WUTC Inspector reviewed the O & M Manual (Since the last yearly review of the manual by the operator.)	<b>Date:</b>	October 16-18, and 23, 2012
<input type="checkbox"/>	OQ Program Review (PHMSA Form 14)	<b>Date:</b>	

GAS SYSTEM OPERATIONS				
<b>Gas Supplier</b>		Williams		
<b>Services:</b> Residential 23799    Commercial 4671    Industrial 73    Other				
Number of reportable safety related conditions last year		0	Number of deferred leaks in system	
Number of <u>non-reportable</u> safety related conditions last year		0	Number of third party hits last year	
Miles of transmission pipeline within unit (total miles and miles in class 3 & 4 areas)		0	Miles of main within inspection unit (total miles and miles in class 3 & 4 areas)	
			644.31/ 452.63	
<b>Operating Pressure(s):</b>		<b>MAOP (Within last year)</b>		<b>Actual Operating Pressure (At time of Inspection)</b>
Feeder:	O1-Prosser	240	250	240
	O2-Grandview	120	130	120
	O3-Grandview	235	250	235
	O5-Sunnyside	140	160	140
	O6-Sunnyside	180	200	180
	O7-Sunnyside	130	150	130
	O8-Zillah/Granger/Toppenish/Wapato	350	400	350
	O9-Grandview	130	300	130
	O1-Moxee	235	250	235
	O2-Yakima	185	200	185
	O3-Selah	149.5	275	149.5
	O4-Selah	234	250	234
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Town:	R43 Yakima	58	60	58
	R3 Yakima Backup	57	60	57
	R12 Moxee	58	60	58
	R39 Moxee Backup	58	60	58
	R5 Yakima	57	60	57
	R17 Selah	57	60	57
	R45 Sunnyside	50	51	50
	R08 Sunnyside Backup	50	51	50
	R54 Grandview	58	60	58
	R11 Granger Toppenish	36	41	36
	R60 Zillha	54	60	54
	R22 Toppenish	54	60	54
	R25 Toppenish	54	60	54
R28 Wapato	54	60	54	
Other:				
Does the operator have any transmission pipelines?		Yes, but none in this unit		

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**GAS SYSTEM OPERATIONS**

Compressor stations? Use Attachment 1.	None in this unit
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<b>Pipe Specifications:</b>			
Year Installed (Range)	1954 to present	Pipe Diameters (Range)	½” to 16”
Material Type	Steel and PE	Line Pipe Specification Used	API 5L, ASTM 2408/3408
Mileage	Main:644.31 Service:452.63	SMYS %	Less than 20

**Operator Qualification Field Validation**

**Important:** Per OPS, the OQ Field Inspection Protocol Form (Rev 4, May 2007) shall be used by the inspector as part of this standard inspection. When completed, the inspector will upload this information into the PHMSA OQ Database (OQDB) located at <http://primis.phmsa.dot.gov/oqdb/home.oq>    **Date Completed/Uploaded** 10/7/13

**Integrity Management Field Validation**

**Important:** Per PHMSA, IMP Field Verification Form (Rev 6/18/2012) shall be used by the inspector as part of this standard inspection. When completed, the inspector will upload this information into the PHMSA IM Database (IMDB) located at <http://primis.phmsa.dot.gov/gasimp/home.gim>    **Date Completed/Uploaded:** N/A-covered in Transmission Inspection

**PART 199 Drug and Alcohol Testing Regulations and Procedures**

		S	U	NA	NC
Subparts A - C	Drug & Alcohol Testing & Misuse Prevention Program – Use PHMSA Form #13, Rev 3/19/2010. Do not ask the company to have a drug and alcohol expert available for this portion of your inspection. <b>Form 13 was completed for CNG Longview and Bellingham and has not changed except for the manager.</b>	X			

**REPORTING RECORDS**

		S	U	N/A	N/C
1.	49 U.S.C. 60132, Subsection (b)				
	<b>For Gas Transmission Pipelines and LNG Plants. Submission of Data to the National Pipeline Mapping System Under the Pipeline Safety Improvement Act of 2002</b> Updates to NMPS: Operators are required to make update submissions every 12 months if any system modifications have occurred. <u>If no modifications have occurred since the last complete submission (including operator contact information), send an email to <a href="mailto:opsgis@rspa.dot.gov">opsgis@rspa.dot.gov</a> stating that fact.</u> Include operator contact information with all updates.	X			
2.	RCW 81.88.080				
	Pipeline Mapping System: Has the operator provided accurate maps (or updates) of pipelines, operating over two hundred fifty pounds per square inch gauge, to specifications developed by the commission sufficient to meet the needs of first responders?	X			
3.	191.5				
	Immediate Notice of certain incidents to <b>NRC (800) 424-8802</b> , or electronically at <a href="http://www.nrc.uscg.mil/nrchp.html">http://www.nrc.uscg.mil/nrchp.html</a> , and additional report if significant new information becomes available. Operator must have a written procedure for calculating an initial estimate of the amount of product released in an accident.	X			
4.	191.7				
	Reports (except SRCR and offshore pipeline condition reports) must be submitted electronically to PHMSA at <a href="http://portal.phmsa.dot.gov/pipeline">http://portal.phmsa.dot.gov/pipeline</a> at unless an alternative reporting method is authorized IAW with paragraph (d) of this section.	X			
5.	191.15(a)				
	30-day follow-up written reports to PHMSA ( <b>Form F7100.2</b> ) Submittal must be electronically to <a href="http://pipelineonlinereporting.phmsa.dot.gov">http://pipelineonlinereporting.phmsa.dot.gov</a> <b>No SCRC events</b>			X	
6.	191.15(c)				
	Supplemental report (to 30-day follow-up) <b>No SCRC events</b>			X	
7.	191.17				
	Complete and submit DOT Form PHMSA F 7100-2.1 by March 15 of each calendar year for the preceding year. (NOTE: June 15, 2011 for the year 2010).	X			
8.	191.22				
	Each operator must obtain an OPID, validate its OPIDs, and notify PHMSA of certain events at <a href="http://portal.phmsa.dot.gov/pipeline">http://portal.phmsa.dot.gov/pipeline</a>	X			
9.	191.23				
	Filing the <b>Safety Related Condition Report (SRCR)</b> <b>No SCRC events</b>			X	

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10.	191.25  49 U.S.C. 60139, Subsection (b)(2)	Filing the SRCR within 5 days of determination, but not later than 10 days after discovery. <u>No SCRC events</u> <b>Note:</b> Operators of gas transmission pipelines that if the pipeline pressure exceeds maximum allowable operating pressure (MAOP) plus the build-up, owner/operator must report the exceedance to PHMSA <b>on or before the fifth day</b> following the date on which the exceedance occurs.  The report should be titled “Gas Transmission MAOP Exceedance” and provide the following information: <ul style="list-style-type: none"> <li>• The name and principal address of the operator date of the report, name, job title, and business telephone number of the person submitting the report.</li> <li>• The name, job title, and business telephone number of the person who determined the condition exists.</li> <li>• The date the condition was discovered and the date the condition was first determined to exist.</li> <li>• The location of the condition, with reference to the town/city/county and state or offshore site, and as appropriate, nearest street address, offshore platform, survey station number, milepost, landmark, and the name of the commodity transported or stored.</li> <li>• The corrective action taken before the report was submitted and the planned follow-up or future corrective action, including the anticipated schedule for starting and concluding such action.</li> </ul>			X	
11.	.605(d)	Instructions to enable operation and maintenance personnel to recognize potential <b>Safety Related Conditions</b>	X			
12.	191.27	Offshore pipeline condition reports – filed within 60 days after the inspections <b>No offshore facilities</b>			X	
13.	192.727(g)	Abandoned facilities offshore, onshore crossing commercially navigable waterways reports inspections <b>None of these facilities in unit</b>			X	
14.	480-93-200(1)	Telephonic Reports to <b>UTC Pipeline Safety Incident Notification 1-888-321-9144</b> (Within <b>2 hours</b> ) for events which results in;				
15.	480-93-200(1)(a)	A fatality or personal injury requiring hospitalization; <b>No 2-hr reportable incidents for this occurrence</b>			X	
16.	480-93-200(1)(b)	Damage to property of the operator and others of a combined total exceeding fifty thousand dollars; <b>No 2-hr reportable incidents for this occurrence</b>			X	
17.	480-93-200(1)(c)	The evacuation of a building, or high occupancy structures or areas; <b>2 in 2012; 2 in 2013</b>	X			
18.	480-93-200(1)(d)	The unintentional ignition of gas; <b>No 2-hr reportable incidents for this occurrence</b>			X	
19.	480-93-200(1)(e)	The unscheduled interruption of service furnished by any operator to twenty five or more distribution customers; <b>No 2-hr reportable incidents for this occurrence</b>			X	
20.	480-93-200(1)(f)	A pipeline pressure exceeding the MAOP plus ten percent or the maximum pressure allowed by proximity considerations outlined in WAC 480-93-020; <b>1 reported in 2011; 1 reported in 2012-R54 at Smuckers plant in Toppenish over pressure. R54 went to relief (set at 65)-debris in regulator—metal shavings. CNG dug up valve in street found metal shavings in pipeline where valve was cut in.</b>	X			
21.	480-93-200(1)(g)	Is significant, in the judgment of the operator, even though it does not meet the criteria of (a) through (f) of this subsection; <b>4 in 2011, one CNG crew hit service tee</b>	X			
22.	480-93-200(2)	Telephonic Reports to <b>UTC Pipeline Safety Incident Notification 1-888-321-9146</b> (Within <b>24 hours</b> ) for;				
23.	480-93-200(2)(a)	The uncontrolled release of gas for more than two hours; <b>No 24-hr reportable incidents for this occurrence</b>			X	
24.	480-93-200(2)(b)	The taking of a high pressure supply or transmission pipeline or a major distribution supply gas pipeline out of service; <b>No 24-hr reportable incidents for this occurrence</b>			X	
25.	480-93-200(2)(c)	A gas pipeline operating at low pressure dropping below the safe operating conditions of attached appliances and gas equipment; or <b>No low pressure systems</b>			X	
26.	480-93-200(2)(d)	A gas pipeline pressure exceeding the MAOP <b>2 2011 and 2012 both at R54 in Grandview; debris in regulator</b>	X			
27.	480-93-200(4)	Did written incident reports (within 30 days of telephonic notice) include the following				

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28.	480-93-200(4)(a)	Name(s) and address(es) of any person or persons injured or killed, or whose property was damaged; <b>No 24-hr reportable incidents for this occurrence</b>			X	
29.	480-93-200(4)(b)	The extent of injuries and damage;	X			
30.	480-93-200(4)(c)	A description of the incident or hazardous condition including the date, time, and place, and reason why the incident occurred. If more than one reportable condition arises from a single incident, each must be included in the report;	X			
31.	480-93-200(4)(d)	A description of the gas pipeline involved in the incident or hazardous condition, the system operating pressure at that time, and the MAOP of the facilities involved;	X			
32.	480-93-200(4)(e)	The date and time the gas pipeline company was first notified of the incident;	X			
33.	480-93-200(4)(f)	The date and time the ((operator's)) gas pipeline company's first responders arrived on-site;	X			
34.	480-93-200(4)(g)	The date and time the gas ((facility)) pipeline was made safe;	X			
35.	480-93-200(4)(h)	The date, time, and type of any temporary or permanent repair that was made;	X			
36.	480-93-200(4)(i)	The cost of the incident to the ((operator)) gas pipeline company;	X			
37.	480-93-200(4)(j)	Line type;	X			
38.	480-93-200(4)(k)	City and county of incident; and	X			
39.	480-93-200(4)(l)	Any other information deemed necessary by the commission. <b>No other information requested by UTC</b>			X	
40.	480-93-200(5)	Supplemental report if required information becomes available after 30 day report submitted <b>No supplemental reports</b>			X	
41.	480-93-200(6)	Written report within 5 days of receiving the <b>failure analysis</b> of any incident or hazardous condition due to <b>construction defects or material failure</b> <b>No reports from this Unit</b>			X	
42.	480-93-200(7)	<b>Filing Reports of Damage to Gas Pipeline Facilities to the commission. (eff 4/1/2013)</b> (Via the commission's Virtual DIRT system or on-line damage reporting form)				
43.	480-93-200(7)(a)	Does the operator report to the commission the requirements set forth in RCW 19.122.053(3) (a) through (n)	X			
44.	480-93-200(7)(b)	Does the operator report the name, address, and phone number of the person or entity that the company has reason to believe may have caused damage due to excavations conducted <u>without facility locates</u> first being completed?	X			
45.	480-93-200(7)(c)	Does the operator retain all damage and damage claim records it creates related to damage events reported under 93-200(7)(b), including photographs and documentation supporting the conclusion that a facilities locate was not completed? <b>Note:</b> Records maintained for two years and made available to the commission upon request.	X			
46.	480-93-200(8)	Does the operator provide the following information to excavators who damage gas pipeline facilities?				
47.	480-93-200(8)(a)	<ul style="list-style-type: none"> <li>Notification requirements for excavators under RCW 19.122.050(1)</li> </ul>	X			
48.	480-93-200(8)(b)	<ul style="list-style-type: none"> <li>A description of the excavator's responsibilities for reporting damages under RCW 19.122.053; and</li> </ul>	X			
49.	480-93-200(8)(c)	<ul style="list-style-type: none"> <li>Information concerning the safety committee referenced under RCW 19.122.130, including committee contact information, and the process for filing a complaint with the safety committee.</li> </ul>	X			
50.	480-93-200(9)	<b>Reports to the commission only when the operator or its contractor observes or becomes aware of the following activities...None reported by CNG to UTC</b> <ul style="list-style-type: none"> <li>An excavator digs within thirty-five feet of a transmission pipeline, as defined by RCW 19.122.020(26) without first obtaining a facilities locate; (200(9)(a)</li> <li>A person intentionally damages or removes marks indicating the location or presence of gas pipeline facilities. 200(9)(b)</li> </ul>			X	
51.	480-93-200(10)	<b>Annual Reports</b> filed with the commission no later than <b>March 15</b> for the proceeding calendar year				
52.	480-93-200(10)(a)	<b>A copy of PHMSA F-7100.1-1 and F-7100.2-1 annual report required by U.S. Department of Transportation, PHMSA/Office of Pipeline Safety Tina will answer this—issue is that the annual reports back to 2011 only includes 9 miles in 2011 and 0 in 2012. CNG has more than this and they are looking into this based on GIS not accounting database.</b>		X		

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53.	480-93-200(10)(b)	Reports detailing all construction defects and material failures resulting in leakage. Categorizing the different types of construction defects and material failures. The report must include the following: <b>None for this district—all material failure reports come from General Office Engineering (HQ)</b> (i) Types and numbers of construction defects; and (ii) Types and numbers of material failures.			X	
54.	480-93-200(11)	Providing updated emergency contact information to the commission and appropriate officials of all municipalities where gas pipeline companies have facilities <b>May 31<sup>st</sup> sent to Marina. CNG will find out about other municipals not emergency responders</b>	X			
55.	480-93-200(12)	Providing by email, reports of daily construction and repair activities no later than 10:00 a.m.	X			
56.	480-93-200(13)	Submitting copy of DOT Drug and Alcohol Testing MIS Data Collection Form when required	X			

**Comments:**

CUSTOMER and EXCESS FLOW VALVE INSTALLATION NOTIFICATION			S	U	N/A	N/C
57.	192.16	<b>Customer notification</b> - Customers notified, within <b>90 days</b> , of their responsibility for those service lines not maintained by the operator	X			
58.	192.381	Does the excess flow valve meet the performance standards prescribed under §192.381? <b>CNG has selected a new EFV for steel</b>	X			
59.	192.383	Does the operator have an installation and reporting program for excess flow valves and does the program meet the requirements outlined in §192.383? Are records adequate?	X			

**Comments:**

CONSTRUCTION RECORDS			S	U	N/A	N/C
60.	480-93-013	OQ records for personnel performing New Construction covered tasks	X			
61.	192.225	Test Results to Qualify Welding Procedures	X			
62.	192.227	Welder Qualification	X			
63.	480-93-080(1)(b)	Appendix C Welders re-qualified <b>2/Yr (7.5Months) No Appx C welders</b>			X	
64.	480-93-080(2)	Plastic pipe joiners re-qualified <b>1/Yr (15 Months)</b>	X			
65.	480-93-080(2)(b)	Plastic pipe joiners re-qualified if no production joints made during any 12 month period <b>No requalification's</b>			X	
66.	480-93-080(2)(c)	Tracking Production Joints or Re-qualify joiners <b>1/Yr (12Months)</b>	X			
67.	480-93-115(2)	Test leads on casings (without vents) installed after 9/05/1992 <b>No new construction casings since last inspection</b>			X	
68.	480-93-115(3)	Sealing ends of casings or conduits on transmission lines and mains <b>No new casings or sleeve construction since last inspection</b>			X	

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69.	480-93-115(4)	Sealing ends (nearest building wall) of casings or conduits on services	X			
70.	192.241(a)	Visual Weld Inspector Training/Experience <b>No new welds requiring weld inspection since last inspection</b>			X	
71.	192.243(b)(2)	Nondestructive Technician Qualification <b>No new welds requiring weld inspection since last inspection</b>			X	
72.	192.243(c)	NDT procedures <b>No new welds requiring weld inspection since last inspection</b>			X	
73.	192.243(f)	Total Number of Girth Welds <b>No new welds requiring weld inspection since last inspection</b>			X	
74.	192.243(f)	Number of Welds Inspected by NDT <b>No new welds requiring weld inspection since last inspection</b>			X	
75.	192.243(f)	Number of Welds Rejected <b>No new welds requiring weld inspection since last inspection</b>			X	
76.	192.243(f)	Disposition of each Weld Rejected <b>No new welds requiring weld inspection since last inspection</b>			X	
77.	.273/.283	Qualified Joining Procedures Including Test Results	X			
78.	192.303	Construction Specifications	X			
79.	192.325 WAC 480-93-178(4)(5)	Underground Clearances	X			
80.	192.327	Amount, location, cover of each size of pipe installed	X			
81.	480-93-160(1)	Report filed <b>45 days</b> prior to construction or replacement of transmission pipelines <b>≥ 100 feet in length</b> <b>No Transmission pipelines in this unit</b>			X	
82.	480-93-160(2)	Did report describe the proposed route and the specifications for the pipeline and must include, but is not limited to the following items: <b>No Transmission pipelines in this unit</b>			X	
83.	480-93-160(2)(a)	Description and purpose of the proposed pipeline; <b>No Transmission pipelines in this unit</b>			X	
84.	480-93-160(2)(b)	Route map showing the type of construction to be used throughout the length of the line, and delineation of class location as defined in 49 CFR Part 192.5, and incorporated boundaries along the route. <b>No Transmission pipelines in this unit</b>			X	
85.	480-93-160(2)(c)	Location and specification of principal valves, regulators, and other auxiliary equipment to be installed as a part of the pipeline system to be constructed <b>No Transmission pipelines in this unit</b>			X	
86.	480-93-160(2)(d)	MAOP for the gas pipeline being constructed; <b>No Transmission pipelines in this unit</b>			X	
87.	480-93-160(2)(e)	Location and construction details of all river crossings or other unusual construction requirements encountered en route. <b>No Transmission pipelines in this unit</b>			X	
88.	480-93-160(2)(f)	Proposed corrosion control program to be followed inc specs for coating and wrapping, and method to ensure the integrity of the coating using holiday detection equipment; <b>No Transmission pipelines in this unit</b>			X	
89.	480-93-160(2)(g)	Welding specifications; and <b>No Transmission pipelines in this unit</b>			X	
90.	480-93-160(2)(h)	Bending procedures to be followed if needed. <b>No Transmission pipelines in this unit</b>			X	
91.	480-93-170(1)	Commission notified 2 days prior to pressure testing pipelines with an MAOP producing a hoop stress <b>≥ 20% SMYS?</b> <b>No Transmission pipelines in this unit</b>			X	
92.	480-93-170(7)	Pressure tests records at a minimum include required information listed under 480-93-170(a-h)	X			
93.	480-93-170(9)	Individual pressure test records maintained for single installations where multiple pressure tests were performed? <b>No multiple tests performed since last inspection</b>			X	
94.	480-93-170(10)	Pressure Testing Equipment checked for accuracy/intervals (Manufacturers Rec or Operators schedule)	X			
95.	480-93-175(2)	Study prepared and approved prior to moving and lowering of metallic pipelines <b>&gt; 60 psig</b> <b>No pipeline lowering</b>			X	
96.	480-93-175(4)	Leak survey within <b>30 days</b> of moving or lowering pipelines <b>≤ 60 psig</b> <b>No pipeline lowering</b>			X	

**Comments:**

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60 & 62 Looked at the following projects:  
 WO #181100 Wapato 4” replacement 6/15/11---material OK, pressure test OK, welder Jeff Woodall, good through Jan 11, 2012 GIS 10/26/11 OK  
 WO# 173552 Prosser Odorizer 8/2011—material OK, pressure test OK Welders: Jeff Woodall good through Jan 11 2012, Bret Lombard good through Dec 1, 2011 GIS 2/22/12 OK  
 WO # 179713 MN 4” 10/2012 Steel Toppenish-casing retirement. Material OK, pressure test OK, welder Conrad Castro qual 9/04/12, GIS completion 10/3/12 GIS 10/12/12 OK  
 98:  
 Looked at the following PE projects:  
 4209 Barge St Yakima 1/2” PE service. 8/27/13, Baumgarten exp July 5, 2014 OK. Exposed steel main, good condition , CP: --0.933 OK.  
 2235 Longfibre Rd, Union Gap, 2” PE service, 8/5/13, Castro exp July 26, 2014 OK. Exposed steel main good condition CP -1061 OK  
 613 S. 23<sup>rd</sup> Yakima, 5/8 “ service; Baumgarten, exposed steel main external good, CP -1300 OK

<b>OPERATIONS and MAINTENANCE RECORDS</b>			<b>S</b>	<b>U</b>	<b>N/A</b>	<b>N/C</b>
<b>97.</b>	192.517(a)	Pressure Testing (operates at or above 100 psig) –Looked at “line No. 1”–8”, HP constructed in 1961—pressure <b>useful life of pipeline</b>	X			
<b>98.</b>	192.517(b)	Pressure Testing (operates below 100 psig, service lines, plastic lines) – <b>5 years</b>	X			
<b>99.</b>	192.605(a)	Procedural Manual Review – Operations and Maintenance ( <b>1 per yr/15 months</b> ) <b>Note:</b> Including review of OQ procedures as <u>suggested</u> by PHMSA - ADB-09-03 dated 2/7/09	X			
<b>100.</b>	192.605(b)(3)	Availability of construction records, maps, operating history to operating personnel	X			
<b>101.</b>	480-93-018(3)	Records, including maps and drawings updated within <b>6 months</b> of completion of construction activity?	X			
<b>102.</b>	192.605(b)(8)	Periodic review of personnel work – effectiveness of normal O&M procedures	X			
<b>103.</b>	192.605(c)(4)	Periodic review of personnel work – effectiveness of abnormal operation procedures <b>No Transmission</b>			X	
<b>104.</b>	192.609	Class Location Study ( <b>If applicable</b> ) <b>No class location study required</b>			X	
<b>105.</b>	192.611	Confirmation or revision of MAOP <b>No MAOP confirmations or revisions</b>			X	
<b>106.</b>		<b>Damage Prevention (Operator Internal Performance Measures)</b>				
<b>107.</b>		Does the operator have a quality assurance program in place for monitoring the locating and marking of facilities? Do operators conduct regular field audits of the performance of locators/contractors and take action when necessary? (CGA Best Practices v. 6.0, Best Practice 4-18. Recommended only, not required)	X			
<b>108.</b>		Does operator including performance measures in facility locating services contracts with corresponding and meaningful incentives and penalties? <b>CNG performs all locates</b>			X	
<b>109.</b>		Do locate contractors address performance problems for persons performing locating services through mechanisms such as re-training, process change, or changes in staffing levels? <b>CNG performs all locates</b>			X	
<b>110.</b>	192.614	Does the operator periodically review the Operator Qualification plan criteria and methods used to qualify personnel to perform locates?	X			
<b>111.</b>		Review operator locating and excavation <u>procedures</u> for compliance with state law and regulations.	X			
<b>112.</b>		Are locates are being made within the timeframes required by state law and regulations? Examine record sample.	X			
<b>113.</b>		Are locating and excavating personnel properly <u>qualified</u> in accordance with the operator’s Operator Qualification plan and with federal and state requirements?	X			
<b>114.</b>		Follow-up inspection performed on the pipeline where there is reason to believe the pipeline could be damaged .614(c) (6) <b>No follow up inspections</b> 1. Is the inspection the done as frequently as necessary during and after the activities to verify the integrity of the pipeline? 2. In the case of blasting, does the inspection include leakage surveys?			X	

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Comments:

115.		<b>Emergency Response Plans</b>	<b>S</b>	<b>U</b>	<b>N/A</b>	<b>N/C</b>																										
116.	192.603(b)	Prompt and effective response to each type of emergency .615(a)(3) <b>Note:</b> Review operator records of previous accidents and failures including third-party damage and leak response	X																													
117.	192.615(b)(1)	Location Specific Emergency Plan	X																													
118.	192.615(b)(2)	Emergency Procedure training, verify effectiveness of training-- <b>YCFD #4 Moxee, Paradigm Training for FD Yakima personnel, 9/2013</b>	X																													
119.	192.615(b)(3)	Employee Emergency activity review, determine if procedures were followed.	X																													
120.	192.615(c)	Liaison Program with Public Officials	X																													
121.	192.616	<b>Public Awareness Program</b>																														
122.	192.616(e&f)	Documentation properly and adequately reflects implementation of operator’s Public Awareness Program requirements - Stakeholder Audience identification, message type and content, delivery method and frequency, supplemental enhancements, program evaluations, etc. (i.e. contact or mailing rosters, postage receipts, return receipts, audience contact documentation, etc. for emergency responder, public officials, school superintendents, program evaluations, etc.). See table below <b>The new CNG PAP inspection occurred 9-17-2013 by Patti Johnson. As such, the areas as noted below were not checked as part of this inspection.</b>				X																										
123.		Operators in existence on June 20, 2005, must have completed their written programs no later than June 20, 2006. See 192.616(a) and (j) for exceptions.																														
124.		<b>API RP 1162 Baseline* Recommended Message Deliveries</b>																														
125.		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%; text-align: center;">Stakeholder Audience (LDC’s)</th> <th style="width: 50%; text-align: center;">Baseline Message Frequency (starting from effective date of Plan)</th> </tr> </thead> <tbody> <tr> <td>Residence Along Local Distribution System</td> <td>Annual</td> </tr> <tr> <td>LDC Customers</td> <td>Twice annually</td> </tr> <tr> <td>One-Call Centers</td> <td>As required of One-Call Center</td> </tr> <tr> <td>Emergency Officials</td> <td>Annual</td> </tr> <tr> <td>Public Officials</td> <td>3 years</td> </tr> <tr> <td>Excavator and Contractors</td> <td>Annual</td> </tr> <tr> <th style="text-align: center;">Stakeholder Audience (Transmission line operators)</th> <th style="text-align: center;">Baseline Message Frequency (starting from effective date of Plan)</th> </tr> <tr> <td>Residence Along Local Distribution System</td> <td>2 years</td> </tr> <tr> <td>One-Call Centers</td> <td>As required of One-Call Center</td> </tr> <tr> <td>Emergency Officials</td> <td>Annual</td> </tr> <tr> <td>Public Officials</td> <td>3 years</td> </tr> <tr> <td>Excavator and Contractors</td> <td>Annual</td> </tr> </tbody> </table>	Stakeholder Audience (LDC’s)	Baseline Message Frequency (starting from effective date of Plan)	Residence Along Local Distribution System	Annual	LDC Customers	Twice annually	One-Call Centers	As required of One-Call Center	Emergency Officials	Annual	Public Officials	3 years	Excavator and Contractors	Annual	Stakeholder Audience (Transmission line operators)	Baseline Message Frequency (starting from effective date of Plan)	Residence Along Local Distribution System	2 years	One-Call Centers	As required of One-Call Center	Emergency Officials	Annual	Public Officials	3 years	Excavator and Contractors	Annual				
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126.		* Refer to API RP 1162 for additional requirements, including general program recommendations, supplemental requirements, recordkeeping, program evaluation, etc.																														
127.	192.616(g)	The program conducted in English and any other languages commonly understood by a significant number of the population in the operator's area. <b>See above</b>				X																										

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128.	.616(h)	IAW API RP 1162, the operator’s program should be reviewed for effectiveness within four years of the date the operator’s program was first completed. <u>For operators in existence on June 20, 2005</u> , who must have completed their written programs no later than June 20, 2006, the first evaluation is due no later than <b>June 20, 2010</b> . .616(h) <i>See above</i>				X
129.	192.616(j)	Operators of a Master Meter or petroleum gas system – public awareness messages 2 times annually: <b>No master meters</b> (1) A description of the purpose and reliability of the pipeline; (2) An overview of the hazards of the pipeline and prevention measures used; (3) Information about damage prevention; (4) How to recognize and respond to a leak; and (5) How to get additional information.			X	
130.	192.617	Review operator records of accidents and failures including laboratory analysis where appropriate to determine cause and prevention of recurrence .617 <b>Note:</b> Including excavation damage and leak response records (PHMSA area of emphasis) (NTSB B.10)	X			

**Comments:**

131.	192.619/621/623	Maximum Allowable Operating Pressure ( <b>MAOP</b> ) Note: New PA-11 design criteria is incorporated into 192.121 & .123 (Final Rule Pub. 12/24/08)	X			
132.	480-93-015(1)	Odorization of Gas – Concentrations adequate	X			
133.	480-93-015(2)	Monthly Odorant Sniff Testing	X			
134.	480-93-015(3)	Prompt action taken to investigate and remediate odorant concentrations not meeting the minimum requirements <b>No occurrences</b>			X	
135.	480-93-015(4)	Odorant Testing Equipment Calibration/Intervals (Annually or Manufacturers Recommendation)	X			
136.	480-93-124(3)	Pipeline markers attached to bridges or other spans inspected? <b>1/yr(15 months) Noted during patrolling</b>	X			
137.	480-93-124(4)	Markers reported missing or damaged replaced within <b>45 days?</b> ) <b>Noted during patrolling</b>	X			
138.	480-93-140(2)	Service regulators and associated safety devices tested during initial turn-on	X			
139.	480-93-155(1)	Up-rating of system MAOP to <b>&gt;60 psig?</b> Procedures and specifications submitted <b>45 days</b> prior? <b>No uprating of MAOP</b>			X	
140.	480-93-185(1)	Reported gas leaks promptly investigated? Graded in accordance with 480-93-186? Records retained? <i>See list of un-graded leaks below.</i>		X		
141.	480-93-185(3)(a)	Leaks originating from a foreign source. Take appropriate action to protect life and property regarding the pipeline company’s own facilities, and; <b>No leaks from foreign sources</b>			X	
142.	480-93-185(3)(b)	Leaks originating from a foreign source reported promptly/notification by mail. Records retained? <b>No leaks from foreign sources</b>			X	
143.	480-93-186(3)	Leak evaluations: Are follow-up inspections performed within <b>30 days</b> of a leak repair?	X			
144.	480-93-186(4)	Leak evaluations: Grade 1 and 2 leaks (if any), downgraded once to a grade 3 without physical repair? <b>No leaks downgraded-all repaired</b>			X	
145.	480-93-187	Gas leak records: at a minimum include required information listed under 480-93-187(1-13)	X-			
146.	480-93-188(1)	Gas leak surveys	X			

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147.	480-93-188(2)	Gas detection instruments tested for accuracy/intervals (Mfct recommended or monthly not to exceed 45 days)	X															
148.	480-93-188(3)	Leak survey frequency ( <b>Refer to Table Below</b> )	X															
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">Business Districts (<b>implement by 6/02/07</b>)</td> <td style="width:50%; text-align:center;"><b>1/yr (15 months)</b></td> </tr> <tr> <td>High Occupancy Structures</td> <td style="text-align:center;"><b>1/yr (15 months)</b></td> </tr> <tr> <td>Pipelines Operating ≥ 250 psig</td> <td style="text-align:center;"><b>1/yr (15 months)</b></td> </tr> <tr> <td>Other Mains: CI, WI, copper, unprotected steel</td> <td style="text-align:center;"><b>2/yr (7.5 months)</b></td> </tr> </table>							Business Districts ( <b>implement by 6/02/07</b> )	<b>1/yr (15 months)</b>	High Occupancy Structures	<b>1/yr (15 months)</b>	Pipelines Operating ≥ 250 psig	<b>1/yr (15 months)</b>	Other Mains: CI, WI, copper, unprotected steel	<b>2/yr (7.5 months)</b>				
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149.	480-93-188(4)(a)	Special leak surveys - Prior to paving or resurfacing, following street alterations or repairs <b>Grandview over pressure event 2012, resurveyed town. R54 allowed 68 psi MAOPO of 60. Notified UTC.</b>	X															
150.	480-93-188(4)(b)	Special leak surveys - areas where substructure construction occurs adjacent to underground gas facilities, and damage could have occurred	X															
151.	480-93-188(4)(c)	Special leak surveys - Unstable soil areas where active gas lines could be affected <b>No unstable soil areas</b>			X													
152.	480-93-188(4)(d)	Special leak surveys - areas and at times of unusual activity, such as earthquake, floods, and explosions <b>No unusual activity</b>			X													
153.	480-93-188(4)(e)	Special leak surveys - After third-party excavation damage to services, operators must perform a gas leak survey to eliminate the possibility of multiple leaks and underground migration into nearby buildings.	X															
154.	480-93-188(5)	Gas Survey Records ( <b>Min 5 yrs</b> ) and at a minimum include required information listed under 480-93-188 (5) (a-f)	X															
155.	480-93-188(6)	Leak program - Self Audits	X															
156.	192.709	Patrolling (Transmission Lines) ( <b>Refer to Table Below</b> ) .705 <b>No Transmission in this unit</b>			X													
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157.	192.709	Leak Surveys (Transmission Lines) ( <b>Refer to Table Below</b> ) .706705 <b>No Transmission in this unit</b>			X													
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158.	192.603(b)	Patrolling Business District ( <b>4 per yr/4½ months</b> ) .721(b)(1)	X															
159.	192.603(b)	Patrolling Outside Business District ( <b>2 per yr/7½ months</b> ) 192.721(b)(2)	X															
160.	192.603(b)	Leakage Survey - Outside Business District ( <b>5 years</b> ) 192.723(b)(1)	X															
161.	192.603(b)	Leakage Survey 192.723(b)(2) <ul style="list-style-type: none"> <li>• Outside Business District (<b>5 years</b>)</li> <li>• Cathodically unprotected distribution lines (<b>3 years</b>)</li> </ul>	X															
162.	192.603(b)	Tests for Reinstating Service Lines 192.725	X															
163.	192.603(b)/.727(g)	Abandoned Pipelines; Underwater Facility Reports 192.727 <b>No abandoned or underwater facilities</b>			X													
164.	192.709	Pressure Limiting and Regulating Stations ( <b>1 per yr/15 months</b> ) .739	X															
165.	192.709	Pressure Limiting and Regulator Stations – Capacity ( <b>1 per yr/15 months</b> )	X															
166.	192.709	Valve Maintenance – Transmission ( <b>1 per yr/15 months</b> ) .745 <b>No Transmission</b>			X													
167.	192.709	Valve Maintenance – Distribution ( <b>1 per yr/15 months</b> ) .747	X															

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<b>168.</b>	480-93-100(3)	Service valve maintenance ( <b>1 per yr/15 months</b> )	X			
<b>169.</b>	192.709	Vault maintenance ( <b>≥200 cubic feet</b> )( <b>1 per yr/15 months</b> ) .749 <b>No vaults this size</b>			X	
<b>170.</b>	192. 603(b)	Prevention of Accidental Ignition (hot work permits) .751 <b>No specific instances (hot work permits)</b>			X	
<b>171.</b>	192. 603(b)	Welding – Procedure 192.225(b)	X			
<b>172.</b>	192. 603(b)	Welding – Welder Qualification 192.227/.229	X			
<b>173.</b>	192. 603(b)	NDT – NDT Personnel Qualification .243(b)(2) <b>No nondestructive testing (all 6” or less)</b>			X	
<b>174.</b>	192.709	NDT Records ( <b>pipeline life</b> ) .243(f) <b>No nondestructive testing (all 6” or less)</b>			X	
<b>175.</b>	192.709	Repair: pipe ( <b>pipeline life</b> ); Other than pipe ( <b>5 years</b> ) <b>No repairs</b>			X	
<b>176.</b>	192.905(c)	Periodically examining their transmission line routes for the appearance of newly identified area’s (HCA’s) <b>No Transmission</b>			X	

**Comments:**

**140)** The following leaks were not graded per CNG CP 750.07:

Work Order # (or address) and Date

- 181231 Date 1/27/11
- 182171 Date 3/3/11
- 182186 Date 3/4/11
- 182308 Date 3/14/11
- 1024 S. 25<sup>th</sup> Ave Yakima Date 4/7/11
- 707 Terrace Dr. Selah Date 4/8/11
- 182928 Date 4/12/11
- 3303 Englewood Ave Yakima Date 4/20/11
- 183268 Date 4/27/11
- 183355 Date 4/22/11
- 183740 Date 5/11/11
- 183843 Date 5/18/11
- 183932 Date 5/23/11
- 183986 Date 5/26/11
- 184026 Date 5/31/11
- 184827 Date 6/27/11
- 184890 Date 6/30/11
- 189653 Date 1/27/12
- 190113 Date 2/13/12
- 191029 Date 3/29/12
- 802 W. 1<sup>st</sup> Toppenish Date 5/3/12
- 1801 E. Edison Sunnyside Date 5/10/12
- 195332 Date 8/14/12
- 4 N. 67<sup>th</sup> Ave Yakima Date 10/11/12
- 197390 Date 11/2/12
- 20121114182935 310 S. Beech St Toppenish Date 11/14/12
- 198715 Date 1/2/13
- 202010 Date 5/13/13
- 201897 Date 5/4/13
- 201968 Date 5/8/13
- 202031 Date 5/14/13
- 202038 Date 5/14/13

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<b>CORROSION CONTROL RECORDS</b>			<b>S</b>	<b>U</b>	<b>N/A</b>	<b>N/C</b>
177.	192.455(a)(1)	Pipeline coatings meet requirements of 192.461 (for buried pipelines installed after 7/31/71)	X			
178.	192.455(a)(2)	CP system installed on and operating within 1 yr of completion of pipeline construction (after 7/31/71)	X			
179.	192.465(a)	Annual Pipe-to-soil Monitoring (1 per yr/15 months) for short sections (10% per year; all in 10 years) No short sections monitored under this section			X	
180.	192.491	Test Lead Maintenance .471	X			
181.	192.491	Maps or Records .491(a)	X			
182.	192.491	Examination of Buried Pipe when exposed .459	X			
183.	480-93-110(8)	CP test reading on all exposed facilities where coating has been removed	X			
184.	192.491	Annual Pipe-to-soil monitoring (1 per yr/15 months) .465(a)	X			
185.	192.491	Rectifier Monitoring (6 per yr/2½ months) .465(b)	X			
186.	192.491	Interference Bond Monitoring – Critical (6 per yr/2½ months) .465(c) No interference bonds			X	
187.	192.491	Interference Bond Monitoring – Non-critical (1 per yr/15 months) .465(c) ) No interference bonds			X	
188.	480-93-110(2)	Remedial action taken within 90 days (Up to 30 additional days if other circumstances. Must document) .465(d)	X			
189.	480-93-110(3)	CP equipment/ instrumentation maintained, tested for accuracy, calibrated, and operated in accordance with manufactures recommendations, or at appropriate schedule determined by gas company if no recommendation.	X			
190.	192.491	Unprotected Pipeline Surveys, CP active corrosion areas (1 per 3 cal yr/39 months) .465(e) No unprotected pipelines in this unit			X	
191.	192.491	Electrical Isolation (Including Casings) .467	X			
192.	480-93-110(5)	Casings inspected/tested annually not to exceed fifteen months	X			
193.	480-93-110(5)(a)	Casings w/no test leads installed prior to 9/05/1992. Demonstrate other acceptable test methods	X			
194.	480-93-110(5)(b)	Possible shorted conditions – Perform confirmatory follow-up inspection within 90 days	X			
195.	480-93-110(5)(c)	Casing shorts cleared when practical No shorted casings cleared since last inspection. Shorted casings are on a list to be cleared starting in 2014	X			
196.	480-93-110(5)(d)	Shorted conditions leak surveyed within 90 days of discovery. Twice annually/7.5 months	X			
197.	192.491	Interference Currents .473No interference currents			X	
198.	192.491	Internal Corrosion; Corrosive Gas Investigation .475(a) No internal corrosion/investigation			X	
199.	192.491	Internal Corrosion; Internal Surface Inspection; Pipe Replacement .475(b)	X			
200.	192.491	Internal Corrosion Control Coupon Monitoring (2 per yr/7½ months) .477 No internal corrosion monitoring—no internal corrosion			X	
201.	192.491	Atmospheric Corrosion Control Monitoring (1 per 3 cal yr/39 months onshore; 1 per yr/15 months offshore) .481 Note, new record system put in place in 2010. Makes it difficult to locate specific addresses between two systems.	X			
202.	192.491	Remedial: Replaced or Repaired Pipe; coated and protected; corrosion evaluation and actions .483/485 No pipelines replaced because of corrosion			X	

**Comments:**

**Utilities and Transportation Commission**  
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PIPELINE INSPECTION (Field)			S	U	N/A	N/C
203.	192.161	Supports and anchors	X			
204.	480-93-080(1)(d)	Welding procedures located on site where welding is performed?	X			
205.	480-93-080(1)(b)	Use of testing equipment to record and document essential variables <b>No appendix C welders</b>			X	
206.	480-93-080(2)(a)	Plastic procedures located on site where welding is performed? <b>No plastic joining observed</b>			X	
207.	480-93-080(3)	Identification and qualification cards/certificates w/name of welder/joiner, their qualifications, date of qualification and operator whose qualification procedures were followed.	X			
208.	480-93-013	Personnel performing “New Construction” covered tasks OQ qualified?	X			
209.	480-93-015(1)	Odorization	X			
210.	480-93-018(3)	Updated records, inc maps and drawings made available to appropriate operations personnel?	X			
211.	192.179	Valve Protection from Tampering or Damage	X			
212.	192.455	Pipeline coatings meet requirements of 192.461 ( <i>for buried pipelines installed after 7/31/71</i> )	X			
213.	192.463	Levels of cathodic protection	X			
214.	192.465	Rectifiers	X			
215.	192.467	CP - Electrical Isolation	X			
216.	192.476	Systems designed to reduce internal corrosion <b>Not observed</b>			X	
217.	192.479	Pipeline Components exposed to the atmosphere	X			
218.	192.481	Atmospheric Corrosion: monitoring	X			
219.	192.491	Test Stations – Sufficient Number .469	X			
220.	480-93-115(2)	Casings – Test Leads (casings w/o vents installed after 9/05/1992)	X			
221.	480-93-115(2)	Mains or transmission lines installed in casings/conduit. Are casing ends sealed? <b>Not observed</b>			X	
222.	480-93-115(4)	Service lines installed in casings/conduit. Are casing ends nearest to building walls sealed? <b>Not observed</b>			X	
223.	192.605(a)	Appropriate parts of manuals kept at locations where O&M activities are conducted	X			
224.	192.605	Knowledge of Operating Personnel	X			
225.	480-93-124	Pipeline markers	X			
226.	480-93-124(4)	Markers reported missing or damaged replaced within <b>45 days?</b> <b>None observed in field, records show replaced w/in 45 d.</b>			X	
227.	192.719	Pre-pressure Tested Pipe ( <b>Markings and Inventory</b> ) <b>No pretested pipe</b>			X	
228.	192.195	Overpressure protection designed and installed where required?	X			
229.	192.739/743	Pressure Limiting and Regulating Devices ( <b>Mechanical/Capacities</b> )	X			
230.	192.741	Telemetry, Recording Gauges	X			
231.	192.751	Warning Signs	X			
232.	192.355	Customer meters and regulators. Protection from damage <b>Not observed</b>			X	
233.	192.355(c)	Pits and vaults: Able to support vehicular traffic where anticipated. <b>Not observed</b>			X	
234.	480-93-140	Service regulators installed, operated and maintained per state/fed regs and manufacturers recommended practices? <b>Not observed</b>			X	
235.	480-93-178(2)	Plastic Pipe Storage facilities – Maximum Exposure to Ultraviolet Light (2yrs)	X			
236.	480-93-178(4)	Minimum Clearances from other utilities. For parallel lines a minimum of twelve inches. Where a minimum twelve inches of separation is not possible, must take adequate precautions, such as inserting the plastic pipeline in conduit, to minimize any potential hazards.	X			
237.	480-93-178(5)	Minimum Clearances from other utilities. For perpendicular lines a minimum of six	X			

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		inches of separation from the other utilities. Where a minimum six inches of separation is not possible, must take adequate precautions, such as inserting the plastic pipeline in conduit, to minimize any potential hazards				
238.	480-93-178(6)	Are there Temporary above ground PE pipe installations currently? <b>Yes</b> <b>No X</b>				
239.	480-93-178(6)(a)	If yes, is facility monitored and protected from potential damage?			X	
240.	480-93-178(6)(b)	If installation exceeded 30 days, was commission staff notified prior to exceeding the deadline?			X	
241.	192.745	Valve Maintenance (Transmission) <b>No Transmission</b>			X	
242.	192.747	Valve Maintenance (Distribution) <b>R21 valve didn't turn in the field—there was a work order in place to replace this valve.</b>	X			

**Facility Sites Visited:**

Facility Type	Facility ID Number	Location
Regulator Station	R54	Grandview
Block Valve	V70	Grandview (at R54)
Regulator Station	R55	Grandview
Gate Station/Odorant station	O3	Sunnyside (at R55)
Regulator Station	R14	Sunnyside (Yakima County)
Regulator Station	R21	Zillah
Gate Station (Williams)	Firing Center	Selah
Rectifier	GB?	Selah
Rectifier	GB15	Wapato
Pipe to soil	City Pool on Tieton	Yakima
Rectifier	GB10	Yakima
Casing	18 <sup>th</sup> at Mead	Yakima (shorted casing)
Crew inspection	Steel service retirement	1201 6 <sup>th</sup> Ave, Yakima

**Comments:**

**Recent Gas Pipeline Safety Advisory Bulletins: (Last 2 years)**

<u>Number</u>	<u>Date</u>	<u>Subject</u>
ADB-2013-07	July 12, 13	Potential for Damage to Pipeline Facilities Caused by Flooding
ADB-2012-10	Dec 5, 12	Using Meaningful Metrics in Conducting Integrity Management Program Evaluations
ADB-2012-09	Oct 11, 12	Communication During Emergency Situations

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ADB-2012-08	Jul 31, 12	Inspection and Protection of Pipeline Facilities After Railway Accidents
ADB-12-07	Jun 11, 12	Mechanical Fitting Failure Reports
ADB-12-06	May 7, 12	Verification of Records establishing MAOP and MOP
ADB-12-05	Mar 23, 12	Cast Iron Pipe (Supplementary Advisory Bulletin)
ADB -12-04	Mar 21, 12	Implementation of the National Registry of Pipeline and Liquefied Natural Gas Operators
ADB-12-03	Mar 6, 12	Notice to Operators of Driscopipe 8000 High Density Polyethylene Pipe of the Potential for Material Degradation
ADB-11-05	Sep 1, 11	Potential for Damage to Pipeline Facilities Caused by the Passage of Hurricanes

For more PHMSA Advisory Bulletins, go to <http://phmsa.dot.gov/pipeline/regs/advisory-bulletin>

## Attachment 1

### Distribution Operator Compressor Station Inspection

Unless otherwise noted, all code references are to 49CFR Part 192. S – Satisfactory U – Unsatisfactory N/A – Not Applicable N/C – Not Checked  
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243. .605(b)		<b>COMPRESSOR STATION PROCEDURES NO COMPRESSOR STATIONS THIS UNIT</b>	S	U	N/A	N/C
244.		.605(b)(6) Maintenance procedures, including provisions for isolating units or sections of pipe and for purging before returning to service				
245.		.605(b)(7) Starting, operating, and shutdown procedures for gas compressor units				
246.		.731 Inspection and testing procedures for remote control shutdowns and pressure relieving devices ( <b>1 per yr/15 months</b> ), prompt repair or replacement				
247.		.735 (a) Storage of excess flammable or combustible materials at a safe distance from the compressor buildings				
248.		(b) Tank must be protected according to <b>NFPA #30</b>				
249.		.736 Compressor buildings in a compressor station must have fixed gas detection and alarm systems ( <b>must be performance tested</b> ), unless:				
250.		• <b>50% of the upright side areas</b> are permanently open, or				
251.		• It is an unattended field compressor station of <b>1000 hp or less</b>				

**Comments:**

<b>COMPRESSOR STATION O&amp;M PERFORMANCE AND RECORDS</b>			S	U	N/A	N/C
252.	.709	.731(a) Compressor Station Relief Devices ( <b>1 per yr/15 months</b> )				
253.		.731(c) Compressor Station Emergency Shutdown ( <b>1 per yr/15 months</b> )				
254.		.736(c) Compressor Stations – Detection and Alarms ( <b>Performance Test</b> )				

**Comments:**

<b>COMPRESSOR STATIONS INSPECTION (Field)</b>			S	U	N/A	N/C
(Note: Facilities may be “Grandfathered”)						
255.	.163	(c) Main operating floor must have (at least) two (2) separate and unobstructed exits				
256.		Door latch must open from inside without a key				
257.		Doors must swing outward				
258.	(d)	Each fence around a compressor station must have (at least) 2 gates or other facilities for emergency exit				
259.		Each gate located within 200 ft of any compressor plant building must open outward				
260.		When occupied, the door must be opened from the inside without a key				
261.	(e)	Does the equipment and wiring within compressor stations conform to the <b>National Electric Code, ANSI/NFPA 70?</b>				
262.	.165	(a) If applicable, are there liquid separator(s) on the intake to the compressors?				
263.		(b) Do the liquid separators have a manual means of removing liquids?				
264.		If slugs of liquid could be carried into the compressors, are there automatic dumps on the separators, Automatic compressor shutdown devices, or high liquid level alarms?				

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COMPRESSOR STATIONS INSPECTION (Field)			S	U	N/A	N/C
(Note: Facilities may be “Grandfathered”)						
265.	.167	(a) ESD system must:				
266.		- Discharge blowdown gas to a safe location				
267.		- Block and blow down the gas in the station				
268.		- Shut down gas compressing equipment, gas fires, electrical facilities in compressor building and near gas headers				
269.		- Maintain necessary electrical circuits for emergency lighting and circuits needed to protect equipment from damage				
270.		ESD system must be operable from at least two locations, each of which is:				
271.	.167	- Outside the gas area of the station				
272.		- Not more than 500 feet from the limits of the station				
273.		- ESD switches near emergency exits?				
274.		(b) For stations supplying gas directly to distribution systems, is the ESD system configured so that the LDC will not be shut down if the ESD is activated?				
275.		(c) Are ESDs on platforms designed to actuate automatically by...				
276.		- For unattended compressor stations, when:				
277.		▪ The gas pressure equals MAOP plus 15%?				
278.		▪ An uncontrolled fire occurs on the platform?				
279.		- For compressor station in a building, when				
280.		▪ An uncontrolled fire occurs in the building?				
281.		▪ Gas in air reaches 50% or more of LEL in a building with a source of ignition (facility conforming to <b>NEC Class 1, Group D</b> is not a source of ignition)?				
282.	.171	(a) Does the compressor station have adequate fire protection facilities? If fire pumps are used, they must not be affected by the ESD system.				
283.		(b) Do the compressor station prime movers (other than electrical movers) have over-speed shutdown?				
284.		(c) Do the compressor units alarm or shutdown in the event of inadequate cooling or lubrication of the unit(s)?				
285.		(d) Are the gas compressor units equipped to automatically stop fuel flow and vent the engine if the engine is stopped for any reason?				
286.		(e) Are the mufflers equipped with vents to vent any trapped gas?				
287.	.173	Is each compressor station building adequately ventilated?				
288.	.457	Is all buried piping cathodically protected?				
289.	.481	Atmospheric corrosion of aboveground facilities				
290.	.603	Does the operator have procedures for the start-up and shut-down of the station and/or compressor units?				
291.		Are facility maps current/up-to-date?				
292.	.615	Emergency Plan for the station on site?				
293.	.619	Review pressure recording charts and/or SCADA				
294.	.707	Markers				
295.	.731	Overpressure protection – relief’s or shutdowns				
296.	.735	Are combustible materials in quantities exceeding normal daily usage, stored a safe distance from the compressor building?				
297.		Is aboveground oil or gasoline storage tanks protected in accordance with <b>NFPA standard No. 30?</b>				
298.	.736	Gas detection – location				

**Comments:**

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Comments: