

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

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			
<b>Docket Number</b>	Insp # 2592		
<b>Inspector Name &amp; Submit Date</b>	Dave Cullom, August 10, 2012		
<b>Chief Eng Name &amp; Review/Date</b>	Joe Subsits, August 13, 2012		
Operator Information			
<b>Name of Operator:</b>	Cascade Natural Gas	<b>OP ID #:</b>	2128
<b>Name of Unit(s):</b>	Kitsap		
<b>Records Location:</b>	6313 Kitsap Way, Bremerton		
<b>Date(s) of Last (unit) Inspection:</b>	November 2-5 and November 9-10, 2009	<b>Inspection Date(s):</b>	July 24-27, 2012

<p><b>Inspection Summary:</b></p> <p>This inspection included a random selection of records and several days of OQ review and field checks. There were no notable issues in the field and only one issue identified for the periodic review of personnel work where several months were missing and required under CNG's procedures.</p>
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<p><b>HQ Address:</b> 8113 W. Grandridge Blvd Kennewick, WA 99336</p>	<p><b>System/Unit Name &amp; Address:</b> Kitsap County 6313 Kitsap Way, Bremerton</p>	
<p><b>Co. Official:</b> Tina Beach <b>Phone No.:</b> 509.734.4576 <b>Fax No.:</b> 509.737.9803 <b>Emergency Phone No.:</b> 888.522.1130</p>	<p><b>Phone No.:</b> 360.733.5981 <b>Fax No.:</b> 360.733.1416 <b>Emergency Phone No.:</b> 888.522.1130</p>	
Persons Interviewed	Title	Phone No.
Vicki Ganow	Pipeline Safety Specialist	360-788-2381
Russ Iverson	Operations Manager	360-620-5747
Rick Coy	District Manager	360-633-6614
Patti Chartrey	Pipeline Safety Specialist	360-373-1405
Morgan Gray	Corrosion Control Technician	360-405-4233
Chanda Marek, P.E.	Manager Western Region	360-405-4220

<p><b>WUTC staff conducted an abbreviated procedures inspection on 192 O&amp;M and WAC items that changed since the last inspection. This checklist focuses on Records and Field items per a routine standard inspection.</b> (check one below and enter appropriate date)</p>			
<input type="checkbox"/>	Team inspection was performed (Within the past five years.) or,	<b>Date:</b>	
<input type="checkbox"/>	Other WUTC Inspector reviewed the O & M Manual (Since the last yearly review of the manual by the operator.)	<b>Date:</b>	2007

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GAS SYSTEM OPERATIONS			
<b>Gas Supplier</b>		Williams	
<b>Services:</b> <i>Residential</i> 28336 <i>Commercial</i> 2514 <i>Industrial 1</i> <i>Other</i>			
Number of reportable safety related conditions last year		0	
Number of <u>non-reportable</u> safety related conditions last year		0	
Number of deferred leaks in system		0	
Number of third party hits last year		22	
Miles of transmission pipeline within unit (total miles and miles in class 3 & 4 areas)		17.31	
Miles of main within inspection unit (total miles and miles in class 3 & 4 areas)		632.46 miles	
<b>Operating Pressure(s):</b>		<b>MAOP (Within last year)</b>	<b>Actual Operating Pressure (At time of Inspection)</b>
Feeder:	Williams	809	482
Town:	Belfair Port Orchard Bremerton	60 170 250	31 158 240
Other:			
Does the operator have any transmission pipelines?		Yes	
Compressor stations? Use Attachment 1.		No	

Pipe Specifications:			
Year Installed (Range)	1958 – present	Pipe Diameters (Range)	½ to 12inch
Material Type	Steel and PE	Line Pipe Specification Used	API5L and ASTM D2513
Mileage	See Annual Report	SMYS %	Everything below 20% except 8 in Kitsap 24.93%

Operator Qualification Field Validation
<b>Important:</b> Per OPS, the OQ Field Inspection Protocol Form (Rev 3, Feb 08) 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 <a href="http://primis.phmsa.dot.gov/oqdb/home.oq">http://primis.phmsa.dot.gov/oqdb/home.oq</a> <b>Date Completed</b> 8/10/2012 for 7/26-27/2012 field visit

Integrity Management Field Validation
<b>Important:</b> Per PHMSA, IMP Field Verification Form (Rev 3, March 09) 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 <a href="http://primis.phmsa.dot.gov/gasimp/home.gim">http://primis.phmsa.dot.gov/gasimp/home.gim</a> <b>Date Completed:</b> N/A

PART 199 Drug and Alcohol Testing Regulations and Procedures		S	U	NA	NC
<b>Subparts A - C</b>	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.	X			

REPORTING RECORDS	S	U	N/A	N/C

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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. <b>***Notes – Submitted in March***</b>	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? <b>***Notes – Sent in April***</b>	X			
3.	191.5	<b>Immediate Notice of certain incidents to NRC (800) 424-8802, 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. <b>*** None – No federal reportables per Vicki Looked at calcs***</b></b>	X			
4.	191.7	Reports (except SRCR and offshore pipeline condition reports) must be submitted electronically to PHMSA at <a href="https://opsweb.phmsa.dot.gov">https://opsweb.phmsa.dot.gov</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>*** None – No federal reportables per Vicki ***</b>			X	
6.	191.15(c)	Supplemental report (to 30-day follow-up) <b>*** None – No federal reportables per Vicki ***</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="https://opsweb.phmsa.dot.gov">https://opsweb.phmsa.dot.gov</a>	X			
9.	191.23	Filing the <b>Safety Related Condition Report (SRCR) *** None – No SRC reportables per Vicki ***</b>			X	
10.	191.25	Filing the SRCR within 5 days of determination, but not later than 10 days after discovery <b>*** None – No SRC reportables per Vicki ***</b>			X	
11.	.605(d)	<b>Instructions to enable operation and maintenance personnel to recognize potential Safety Related Conditions ***Notes – CP 720.0261 reviewed***</b>	X			
12.	191.27	Offshore pipeline condition reports – filed within 60 days after the inspections <b>***Notes – None**</b>			X	
13.	192.727(g)	Abandoned facilities offshore, onshore crossing commercially navigable waterways reports <b>***Notes – None**</b>			X	
14.	480-93-200(1)	Telephonic Reports to <b>UTC Pipeline Safety Incident Notification 1-888-321-9146</b> (Within <b>2 hours</b> ) for events which results in;				
15.	480-93-200(1)(a)	A fatality or personal injury requiring hospitalization;	X			
16.	480-93-200(1)(b)	Damage to property of the operator and others of a combined total exceeding fifty thousand dollars;	X			
17.	480-93-200(1)(c)	The evacuation of a building, or high occupancy structures or areas;	X			
18.	480-93-200(1)(d)	The unintentional ignition of gas;	X			
19.	480-93-200(1)(e)	The unscheduled interruption of service furnished by any operator to twenty five or more distribution customers;	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;	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;	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;	X			

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<b>REPORTING RECORDS</b>			<b>S</b>	<b>U</b>	<b>N/A</b>	<b>N/C</b>
<b>24.</b>	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;	X			
<b>25.</b>	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	X			
<b>26.</b>	480-93-200(2)(d)	A gas pipeline pressure exceeding the MAOP	X			
<b>27.</b>	480-93-200(4)	Did written incident reports (within 30 days of telephonic notice) include the following				
<b>28.</b>	480-93-200(4)(a)	Name(s) and address(es) of any person or persons injured or killed, or whose property was damaged;	X			
<b>29.</b>	480-93-200(4)(b)	The extent of injuries and damage;	X			
<b>30.</b>	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			
<b>31.</b>	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			
<b>32.</b>	480-93-200(4)(e)	The date and time the gas pipeline company was first notified of the incident;	X			
<b>33.</b>	480-93-200(4)(f)	The date and time the ((operators')) gas pipeline company's first responders arrived on-site;	X			
<b>34.</b>	480-93-200(4)(g)	The date and time the gas ((facility)) pipeline was made safe;	X			
<b>35.</b>	480-93-200(4)(h)	The date, time, and type of any temporary or permanent repair that was made;	X			
<b>36.</b>	480-93-200(4)(i)	The cost of the incident to the ((operator)) gas pipeline company;	X			
<b>37.</b>	480-93-200(4)(j)	Line type;	X			
<b>38.</b>	480-93-200(4)(k)	City and county of incident; and	X			
<b>39.</b>	480-93-200(4)(l)	Any other information deemed necessary by the commission.	X			
<b>40.</b>	480-93-200(5)	Supplemental report if required information becomes available after 30 day report submitted	X			
<b>41.</b>	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>**Notes – No occurrences***</b>			X	
<b>42.</b>	480-93-200(7)	<b>Annual Reports</b> filed with the commission no later than <b>March 15</b> for the proceeding calendar year				
<b>43.</b>	480-93-200(7)(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	X			
<b>44.</b>	480-93-200(7)(b)	Damage Prevention Statistics Report including the following;				
<b>45.</b>	480-93-200(7)(b)(i)	Number of gas-related one-call locate requests completed in the field;	X			
<b>46.</b>	480-93-200(7)(b)(ii)	Number of third-party damages incurred; and	X			
<b>47.</b>	480-93-200(7)(b)(iii)	Cause of damage, where cause of damage is classified as one of the following: (A) Inaccurate locate; (B) Failure to use reasonable care; (C) Excavated prior to a locate being conducted; or (D) Other.	X			
<b>48.</b>	480-93-200(7)(c)	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: (i) Types and numbers of construction defects; and (ii) Types and numbers of material failures.	X			
<b>49.</b>	480-93-200(8)	Providing updated emergency contact information to the commission and appropriate officials of all municipalities where gas pipeline companies have facilities	X			
<b>50.</b>	480-93-200(9)	Providing by email, reports of daily construction and repair activities no later than 10:00 a.m.	X			
<b>51.</b>	480-93-200(10)	Submitting copy of DOT Drug and Alcohol Testing MIS Data Collection Form when required	X			

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**Comments:**

CUSTOMER and EXCESS FLOW VALVE INSTALLATION NOTIFICATION			S	U	N/A	N/C
52.	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 <b>***Notes – Looked at mailer that goes out to new customers***</b>	X			
53.	192.381	Does the excess flow valve meet the performance standards prescribed under §192.381?	X			
54.	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
55.	480-93-013	OQ records for personnel performing New Construction covered tasks	X			
56.	192.225	Test Results to Qualify Welding Procedures	X			
57.	192.227	Welder Qualification	X			
58.	480-93-080(1)(b)	Appendix C Welders re-qualified <b>2/Yr (7.5Months) ***Notes – None used***</b>			X	
59.	480-93-080(2)	Plastic pipe joiners re-qualified <b>1/Yr (15 Months) ****Notes – Annual***</b>	X			
60.	480-93-080(2)(b)	Plastic pipe joiners re-qualified if no production joints made during any 12 month period <b>***Notes – They don't track production joints***</b>			X	
61.	480-93-080(2)(c)	Tracking Production Joints or Re-qualify joiners <b>1/Yr (12Months) ***Notes – They don't track production joints***</b>			X	
62.	480-93-115(2)	Test leads on casings (without vents) installed after 9/05/1992 <b>****Notes – There is one</b>	X			
63.	480-93-115(3)	Sealing ends of casings or conduits on transmission lines and mains <b>**Notes – CP 607.153.b.2***</b>	X			
64.	480-93-115(4)	Sealing ends (nearest building wall) of casings or conduits on services	X			
65.	192.241(a)	Visual Weld Inspector Training/Experience <b>***Notes - Covered task 2000DOT***</b>	X			
66.	192.243(b)(2)	Nondestructive Technician Qualification <b>**Notes - NDT is performed by contractors. These are in project documentation**</b>	X			
67.	192.243(c)	NDT procedures <b>***Notes – Looked at comp procedure 2012 trans audit** CP 760.10***</b>	X			
68.	192.243(f)	Total Number of Girth Welds <b>***Notes – Looked at comp procedure** CP 760.10</b>			X	
69.	192.243(f)	Number of Welds Inspected by NDT <b>***Notes – None as required by 241***</b>			X	
70.	192.243(f)	Number of Welds Rejected <b>***Notes – None as required by 241***</b>			X	
71.	192.243(f)	Disposition of each Weld Rejected <b>***Notes – None as required by 241***</b>			X	
72.	.273/.283	Qualified Joining Procedures Including Test Results <b>***Notes - CP 1020 DOT reviewed****</b>	X			

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CONSTRUCTION RECORDS			S	U	N/A	N/C
73.	192.303	Construction Specifications ****Notes – CP 605**	X			
74.	192.325 WAC 480-93-178(4)(5)	Underground Clearances ***Notes - CP 605.022***	X			
75.	192.327	Amount, location, cover of each size of pipe installed ***Notes - CP 605.0493***	X			
76.	480-93-160(1)	Report filed <b>45 days</b> prior to construction or replacement of transmission pipelines <b>≥ 100 feet in length</b> *****Notes – Checked in Trans audit – None in Bremerton District***			X	
77.	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: *****Notes – Checked in Trans audit – None in Bremerton District***			X	
78.	480-93-160(2)(a)	Description and purpose of the proposed pipeline; *****Notes – Checked in Trans audit – None in Bremerton District***			X	
79.	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. *****Notes – Checked in Trans audit – None in Bremerton District***			X	
80.	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*****Notes – Checked in Trans audit – None in Bremerton District***			X	
81.	480-93-160(2)(d)	MAOP for the gas pipeline being constructed; *****Notes – Checked in Trans audit – None in Bremerton District***			X	
82.	480-93-160(2)(e)	Location and construction details of all river crossings or other unusual construction requirements encountered en route. *****Notes – Checked in Trans audit – None in Bremerton District***			X	
83.	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; *****Notes – Checked in Trans audit – None in Bremerton District***			X	
84.	480-93-160(2)(g)	Welding specifications; and*****Notes – Checked in Trans audit – None in Bremerton District***			X	
85.	480-93-160(2)(h)	Bending procedures to be followed if needed. *****Notes – Checked in Trans audit – None in Bremerton District***			X	
86.	480-93-170(1)	Commission notified 2 days prior to pressure testing pipelines with an MAOP producing a hoop stress <b>≥ 20% SMYS?</b> *****Notes – Checked in Trans audit – None in Bremerton District***			X	
87.	480-93-170(7)	Pressure tests records at a minimum include required information listed under 480-93-170(a-h) ****Notes – Looked at Sterling Hills Estates as a job sample in Silverdale****	X			
88.	480-93-170(9)	Individual pressure test records maintained for single installations where multiple pressure tests were performed? ***Notes - CP 665.0210 and R59***	X			
89.	480-93-170(10)	Pressure Testing Equipment checked for accuracy/intervals (Manufacturers Rec or Operators schedule) ***Notes - looked at 2010 -2011 There were issues with the pressure gauges ID numbers, but this was addressed in the Trans audit for this particular unit ***	X			
90.	480-93-175(2)	Study prepared and approved prior to moving and lowering of metallic pipelines <b>&gt; 60 psig</b> ****Notes – No Pipelines moved or lowered***			X	
91.	480-93-175(4)	Leak survey within <b>30 days</b> of moving or lowering pipelines <b>≤ 60 psig</b> *****Notes- April 29, 2011 moved pipeline per 30 day report, but it was later identified as a reroute.****			X	

**Comments:**

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OPERATIONS and MAINTENANCE RECORDS				S	U	N/A	N/C																				
92.	192.517(a)	Pressure Testing (operates at or above 100 psig) – <b>useful life of pipeline</b> ***Notes – <b>Looked at 2” re-route. )</b>		X																							
93.	192.517(b)	Pressure Testing (operates below 100 psig, service lines, plastic lines) – <b>5 years</b>  <b>Checked</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">05/09/11</td> <td style="text-align: center;">cng</td> <td style="text-align: center;">Construction</td> <td>4080 Wheaton Way</td> </tr> <tr> <td style="text-align: center;">11/12/10</td> <td style="text-align: center;">1</td> <td style="text-align: center;">Construction</td> <td>7448 Chico Way</td> </tr> <tr> <td style="text-align: center;">11/12/10</td> <td style="text-align: center;">1</td> <td style="text-align: center;">Construction</td> <td>Oyster Bay Blvd &amp; Arsenal Way (Westpa Retirement)</td> </tr> <tr> <td style="text-align: center;">05/12/12</td> <td style="text-align: center;">cng</td> <td style="text-align: center;">Construction</td> <td>E 50 Belfair St</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </table> <b>Sterling Hills Estates see previous several questions</b>		05/09/11	cng	Construction	4080 Wheaton Way	11/12/10	1	Construction	7448 Chico Way	11/12/10	1	Construction	Oyster Bay Blvd & Arsenal Way (Westpa Retirement)	05/12/12	cng	Construction	E 50 Belfair St					X			
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94.	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 ***Notes – <b>Doing integrated procedures with other MDU utilities. This was part of the settlement agreement. It was Number 6 in the agreement. There are revision spreadsheets for each CP review. – CP/OM review sheet that was started ***</b>		X																							
95.	192.605(b)(3)	Availability of construction records, maps, operating history to operating personnel		X																							
96.	480-93-018(3)	Records, including maps and drawings updated within <b>6 months</b> of completion of construction activity?  <b>Checked</b> <b>2” reroute HP Belfair</b> <b>Sterling Hills Estates</b> <b>E 50 Belfair</b>		X																							
97.	192.605(b)(8)	Periodic review of personnel work – effectiveness of normal O&M procedures <b>***Notes - Construction Inspections are done by EA (Engineering Associates), managers, or pipeline safety specialists and use a construction checklist. The compliance department performs field audits. Managers also review work. 1 review per CP 799-09 monthly. I looked at 1/5/11,1/6/11, 2/22/2011, 3/11 missing, 4/21/11, 5/11 missing, 6/11 missing, 7/11 missing 8/24/11,9/11 missing 10/5/11, 11/11 missing 12/11 missing and 1/5/12, 2/12 missing , 3/12 missing4/12 missing 5/12 missing 6/27/12,6/19/12,6/18/12,7/19/2012 *** There was construction during the red months, but no review as required in the company manual. It was suggested to the company that they re-evaluate the procedure or ensure that they comply with the more stringent frequency.</b>			X																						
98.	192.605(c)(4)	Periodic review of personnel work – effectiveness of abnormal operation procedures <b>****Notes – This does not apply for this unit- ****</b>				X																					
99.	192.609	Class Location Study (If applicable) <b>****Notes - No transmission in this audit***</b>				X																					
100.	192.611	Confirmation or revision of MAOP <b>****Notes - No transmission in this audit***</b>				X																					
101.	192.614	<b>Damage Prevention (Operator Internal Performance Measures)</b>																									

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OPERATIONS and MAINTENANCE RECORDS			S	U	N/A	N/C
102.		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) <b>***Notes - The Substructure Damage Report monitors the locate accuracy***</b>	X			
103.		Does operator including performance measures in facility locating services contracts with corresponding and meaningful incentives and penalties? <b>***Notes – Done in house***</b>			X	
104.		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>***Notes – Done in house***</b>			X	
105.		Does the operator periodically review the Operator Qualification plan criteria and methods used to qualify personnel to perform locates? <b>***Notes – Covered in safety meetings and checked – same as finding in transmission audits***</b>	X			
106.		Review operator locating and excavation <u>procedures</u> for compliance with state law and regulations. <b>***Notes – CP 835 - Same as finding in transmission audit ***</b>	X			
107.		Are locates are being made within the timeframes required by state law and regulations? Examine record sample. <b>***Notes – Looked at several. Ticket Number 1027512 , 11018123, 12016927, Also asked for 5/3/2010, 3/22/2011, 2/13/2012***</b>	X			
108.		Are locating and excavating personnel properly <u>qualified</u> in accordance with the operator’s Operator Qualification plan and with federal and state requirements? <b>***Notes – Looked at several 1440 DOT is the task name***</b>	X			
109.		Follow-up inspection performed on the pipeline where there is reason to believe the pipeline could be damaged .614(c) (6) 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?  <b>****Notes – Integrity Management Report , - No blasting has been done. No follow-up on pipeline where reason to believe it could have been damaged. Not needed.***</b>			X	
110.		<b>Informational purposes only. Not Required.</b> Does the pipeline operator voluntarily submit pipeline damage statistics into the UTC Damage Information Reporting Tool (DIRT)? Operator may register at <a href="https://identity.damagereporting.org/cgareg/control/login.do">https://identity.damagereporting.org/cgareg/control/login.do</a> Y        N    X <b>***Notes – members, but no reporting is done</b>	X			

**Comments:**

111.	<b>Emergency Response Plans</b>	S	U	N/A	N/C
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112.	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. <b>***Notes – Looked at times for reportables back to 2010***</b>	X																													
113.	192.615(b)(1)	Location Specific Emergency Plan <b>****Notes – Looked at Bremerton District. It had meter counts, emergency shut down isolation valves, and has been updated this past year. 7/11****</b>	X																													
114.	192.615(b)(2)	Emergency Procedure training, verify effectiveness of training <b>***Notes – They have a PAPA Pipeline Emergency Response Guideline coursework and there are 8 scenarios. This is done at the district level, but is a HQ program.***</b>	X																													
115.	192.615(b)(3)	Employee Emergency activity review, determine if procedures were followed. <b>***Notes – Form 234 Revised 06/12 is used for emergency activity review. The old form of the form would have been used for incidents previously. No examples of new format.***</b>	X																													
116.	192.615(c)	Liaison Program with Public Officials	X																													
117.	192.616	<b>Public Awareness Program ****USE PJ,s CNG PA May 29-June 1<sup>st</sup>****</b>																														
118.	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:				X																										
119.		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.																														
120.		<b>API RP 1162 Baseline* Recommended Message Deliveries</b>																														
121.		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Stakeholder Audience (LDC’s)</th> <th style="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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122.		* Refer to API RP 1162 for additional requirements, including general program recommendations, supplemental requirements, recordkeeping, program evaluation, etc.																														
123.	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>****USE PJ,s CNG PA May 29-June 1<sup>st</sup>****</b>				X																										
124.	.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) <b>****USE PJ,s CNG PA May 29-June 1<sup>st</sup>****</b>				X																										

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125.	192.616(j)	Operators of a Master Meter or petroleum gas system – public awareness messages 2 times annually: (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.  <b>***Notes – Not an operator of a MM***</b>			X	
126.	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 <b>leak response records</b> (PHMSA area of emphasis) (NTSB B.10) <b>****Notes - No lab analysis needed***</b>			X	

**Comments:**

127.	192.619/621/623	Maximum Allowable Operating Pressure (MAOP) Note: New PA-11 design criteria is incorporated into 192.121 & .123 (Final Rule Pub. 12/24/08) <b>****Notes – Reviewed engineering’s MAOP spreadsheet</b>	X			
128.	480-93-015(1)	Odorization of Gas – Concentrations adequate <b>****Checked O&amp;M*** They initiate investigation at .7 which is good***</b>	X			
129.	480-93-015(2)	Monthly Odorant Sniff Testing <b>****Notes – Randomly checked back to 2010. There were a couple sites in 8/2010 that the general manager caught in a self audit****</b>	X			
130.	480-93-015(3)	Prompt action taken to investigate and remediate odorant concentrations not meeting the minimum requirements <b>****Notes – None noted that didn’t meet the minimum requirements***</b>			X	
131.	480-93-015(4)	Odorant Testing Equipment Calibration/Intervals (Annually or Manufacturers Recommendation) <b>****Notes - 2010 and 2011.***</b>	X			
132.	480-93-124(3)	Pipeline markers attached to bridges or other spans inspected? 1/yr(15 months) <b>****Notes - Cp 610. These are done as part of the quarterly patrols. Looked at 20***</b>	X			
133.	480-93-124(4)	Markers reported missing or damaged replaced within 45 days? <b>****Notes – Could not find several of the missing pipeline markers river crossing sign work orders from quarterly patrols**** FA 9871120016 was written up as a missing sign, but it is not it has H-99s</b>	X			
134.	480-93-140(2)	Service regulators and associated safety devices tested during initial turn-on <b>****Notes - Checked several turn-ons for Kildare Loop NW****</b>	X			
135.	480-93-155(1)	Up-rating of system MAOP to >60 psig? Procedures and specifications submitted 45 days prior? <b>****Notes – None***</b>			X	
136.	480-93-185(1)	Reported gas leaks promptly investigated? Graded in accordance with 480-93-186? Records retained?	X			
137.	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>****Notes – checked only one odor call for gasoline and customer signed.****</b>	X			
138.	480-93-185(3)(b)	Leaks originating from a foreign source reported promptly/notification by mail. Records retained? <b>****Notes – Only one and the customer signed****</b>			X	
139.	480-93-186(3)	Leak evaluations: Are follow-up inspections performed within 30 days of a leak repair?	X			

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140.	480-93-186(4)	Leak evaluations: Grade 1 and 2 leaks (if any), downgraded once to a grade 3 without physical repair? <b>****Notes – None in this unit****</b>			X									
141.	480-93-187	Gas leak records: at a minimum include required information listed under 480-93-187(1-13) <b>****Notes - Checked Multiple Leak Records back to 2010****</b>	X											
142.	480-93-188(1)	Gas leak surveys  Section 1 = Business  Belfair Section 1 and 2 2009 Section 1-2010, 1-2011 Chico 2007Section 2 2012 paperwork not ready yet 2011 Section 1 and section 1 2012 Port Orchard 2011 Section 1 2010 Checked leak W/O 8049900100, 9364010860 . 2007 Section 5 and 6  Keyport 2007 all and 2012 Section 2, Section 1 2012 and 2011 Silverdale 2008 Section 1 2010 Section 1 2011 and 2 and a sheet for 2003 Bremerton 2011 Section 1	X											
143.	480-93-188(2)	Gas detection instruments tested for accuracy/intervals (Mfct recommended or monthly not to exceed 45 days) <b>**Notes – Reviewed All 2010 – 2012 no apparent issues with the intervals**</b>	X											
144.	480-93-188(3)	Leak survey frequency (Refer to Table Below) <b>***Notes – the PBI – the public building inspection list has the HOS***</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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145.	480-93-188(4)(a)	Special leak surveys - Prior to paving or resurfacing, following street alterations or repairs <b>***Notes – None needed***</b>			X									
146.	480-93-188(4)(b)	Special leak surveys - areas where substructure construction occurs adjacent to underground gas facilities, and damage could have occurred <b>***Notes – None needed***</b>			X									
147.	480-93-188(4)(c)	Special leak surveys - Unstable soil areas where active gas lines could be affected <b>***Notes – None needed***</b>			X									
148.	480-93-188(4)(d)	Special leak surveys - areas and at times of unusual activity, such as earthquake, floods, and explosions <b>***Notes – None needed***</b>			X									
149.	480-93-188(4)(e)	Special leak surveys - After third-party excavation damage to services, operators must perform a gas leak survey from the point of damage to the service tie-in.	X											
150.	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											
151.	480-93-188(6)	Leak program - Self Audits <b>***Notes – Dec 23, 2011 Previous assessment was Dec 31, 2008 and was much less detailed. This study measured all components. I looked at this during the transmission audit***</b>	X											
152.	192.709	Patrolling (Transmission Lines) (Refer to Table Below) .705 <b>****Notes – checked in transmission audit****</b>				X								

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		Class Location	At Highway and Railroad Crossings	At All Other Places			
		1 and 2	2/yr (7½ months)	1/yr (15 months)			
		3	4/yr (4½ months)	2/yr (7½ months)			
		4	4/yr (4½ months)	4/yr (4½ months)			
153.	192.709	Leak Surveys (Transmission Lines) (Refer to Table Below) .706****Notes – checked in transmission audit****					X
		Class Location	Required	Not Exceed			
		1 and 2	1/yr	15 months			
		3	2/yr	7½ months			
		4	4/yr	4½ months			
154.	192.603(b)	Patrolling Business District (4 per yr/4½ months) .721(b)(1) Notes nothing due to soil conditions			X		
155.	192.603(b)	Patrolling Outside Business District (2 per yr/7½ months) 192.721(b)(2) Section 2-6			X		
156.	192.603(b)	Leakage Survey - Outside Business District (5 years) 192.723(b)(1)			X		
157.	192.603(b)	Leakage Survey 192.723(b)(2) <ul style="list-style-type: none"> <li>• Outside Business District (5 years)</li> <li>• Cathodically unprotected distribution lines (3 years) ***note unprotected lines***Notes -See 142 for detail***</li> </ul>			X		
158.	192.603(b)	Tests for Reinstating Service Lines 192.725 ***Notes – This is not a practice they use***					X
159.	192.603(b)/.727(g)	Abandoned Pipelines; Underwater Facility Reports 192.727 ***Notes – None**					X
160.	192.709	Pressure Limiting and Regulating Stations (1 per yr/15 months) .739 See			X		
161.	192.709	Pressure Limiting and Regulator Stations – Capacity (1 per yr/15 months) .743 2009-2011 looked good			X		
162.	192.709	Valve Maintenance – Transmission (1 per yr/15 months) .745 ****Notes - Checked in trans audit***					X
163.	192.709	Valve Maintenance – Distribution (1 per yr/15 months) .747 **Notes – Checked ES Valves 2009,10,11*****			X		
164.	480-93-100(3)	Service valve maintenance (1 per yr/15 months) 2011, 2012			X		
165.	192.709	Vault maintenance (≥200 cubic feet)(1 per yr/15 months) .749 **** Notes - There are 17 that are looked at as part of the annual maintenance. ****			X		
166.	192.603(b)	Prevention of Accidental Ignition (hot work permits) .751 ***Notes – None***					X
167.	192.603(b)	Welding – Procedure 192.225(b) ****Notes - Looked at welding procs earlier in audit.****			X		
168.	192.603(b)	Welding – Welder Qualification 192.227/.229 ***Notes – looked at Kent McCabe’s OQ records 2008-2012 Lloyd Klineburger***			X		
169.	192.603(b)	NDT – NDT Personnel Qualification .243(b)(2) ****Notes – Not required for distribution pressures. The operator does not do this internally. ****					X
170.	192.709	NDT Records (pipeline life) .243(f) ) ****Notes – Not required for distribution pressures. ****					X
171.	192.709	Repair: pipe (pipeline life); Other than pipe (5 years)			X		
172.	192.905(c)	Periodically examining their transmission line routes for the appearance of newly identified area’s (HCA’s) ****Notes – This is done on an annual basis CNG uses “Re-evaluation of HCA form”*****			X		

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**Comments:**

<b>CORROSION CONTROL RECORDS</b>			<b>S</b>	<b>U</b>	<b>N/A</b>	<b>N/C</b>
<b>173.</b>	192.455(a)(1)	Pipeline coatings meet requirements of 192.461 (for buried pipelines installed after 7/31/71) <b>***Notes – In CP 710***</b>	X			
<b>174.</b>	192.455(a)(2)	CP system installed on and operating within 1 yr of completion of pipeline construction (after 7/31/71)	X			
<b>175.</b>	192.465(a)	Annual Pipe-to-soil Monitoring (1 per yr/15 months) for short sections (10% per year; all in 10 years) <b>***Notes – They have no isolated services in this unit***</b>			X	
<b>176.</b>	192.491	<b>Test Lead Maintenance .471 ****1340 DOT addresses this requirement in CNG’s manual***</b>	X			
<b>177.</b>	192.491	Maps or Records .491(a) <b>***Notes – In ArcGIS***</b>	X			
<b>178.</b>	192.491	Examination of Buried Pipe when exposed .459 CNG Form 625 CP 755.031 <b>***Notes - Integrity Management Dig Report Integrity Management Dig Report I looked at several in Bremerton****</b>	X			
<b>179.</b>	480-93-110(8)	CP test reading on all exposed facilities where coating has been removed .459 <b>***Notes - CNG Form 625 CP 755.031 ***Notes – None for this inspection time period***</b>			X	
<b>180.</b>	192.491	Annual Pipe-to-soil monitoring (1 per yr/15 months) .465(a) <b>***Notes – Reviewed three years.***</b>	X			
<b>181.</b>	192.491	Rectifier Monitoring (6 per yr/2½ months) .465(b) <b>****Notes 2010, 2011, 2012 all reads looked good***</b>	X			
<b>182.</b>	192.491	Interference Bond Monitoring – Critical (6 per yr/2½ months) .465(c) <b>***Notes – None****</b>			X	
<b>183.</b>	192.491	Interference Bond Monitoring – Non-critical (1 per yr/15 months) .465(c) <b>***Listed on Bi-monthly report under segmented steel.</b>			X	
<b>184.</b>	480-93-110(2)	Remedial action taken within 90 days (Up to 30 additional days if other circumstances. Must document) .465(d) <b>****Notes – GB tripped and was reset by Morgan inveswtigation 1/1/2012 fixed 1/9/2012****</b>	X			
<b>185.</b>	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. <b>****Notes - Half Cells checked Voltmeters***</b>	X			
<b>186.</b>	192.491	Unprotected Pipeline Surveys, CP active corrosion areas (1 per 3 cal yr/39 months) .465(e) <b>***Notes – None in this unit****</b>			X	
<b>187.</b>	192.491	Electrical Isolation (Including Casings) .467	X			
<b>188.</b>	480-93-110(5)	Casings inspected/tested annually not to exceed <b>fifteen months</b>	X			
<b>189.</b>	480-93-110(5)(a)	Casings w/no test leads installed prior to 9/05/1992. Demonstrate other acceptable test methods <b>***Notes - If it is too far they run wire or use the nearest service. The - 730 criteria is also additional safety factor****</b>	X			
<b>190.</b>	480-93-110(5)(b)	Possible shorted conditions – Perform confirmatory follow-up inspection within 90 days <b>****Notes – 2010/2011 reviewed and there was some follow-ups They use - 730 to initiate****</b>	X			
<b>191.</b>	480-93-110(5)(c)	Casing shorts cleared when practical <b>**Notes – there is one, but is being investigated and some test digs***</b>	X			
<b>192.</b>	480-93-110(5)(d)	Shorted conditions leak surveyed within 90 days of discovery. <b>Twice annually/7.5 months. ***Notes- They have one for a 180 day follow-up****</b>	X			
<b>193.</b>	192.491	Interference Currents .473 <b>***None**</b>	X			

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<b>CORROSION CONTROL RECORDS</b>			<b>S</b>	<b>U</b>	<b>N/A</b>	<b>N/C</b>
<b>194.</b>	192.491	Internal Corrosion; Corrosive Gas Investigation .475(a) <b>***Notes – None***</b>			X	
<b>195.</b>	192.491	Internal Corrosion; Internal Surface Inspection; Pipe Replacement .475(b) <b>***Notes – It’s in 293b there is a check box for three grades. -***</b>	X			
<b>196.</b>	192.491	Internal Corrosion Control Coupon Monitoring (2 per yr/7½ months) .477 <b>***Notes – None***</b>			X	
<b>197.</b>	192.491	Atmospheric Corrosion Control Monitoring (1 per 3 cal yr/39 months onshore; 1 per yr/15 months offshore) .481 Reviewed Four sections <b>***Notes – H22, H8, H12, H25 no meters</b>	X			
<b>198.</b>	192.491	Remedial: Replaced or Repaired Pipe; coated and protected; corrosion evaluation and actions .483/.485 <b>****Notes - .483 is in CP 755.04 and .485 doesn’t apply to distribution system.****</b>	X			

**Comments:**

<b>PIPELINE INSPECTION (Field)</b>			<b>S</b>	<b>U</b>	<b>N/A</b>	<b>N/C</b>
<b>199.</b>	192.161	Supports and anchors	X			
<b>200.</b>	480-93-080(1)(d)	Welding procedures located on site where welding is performed?	X			
<b>201.</b>	480-93-080(1)(b)	Use of testing equipment to record and document essential variables	X			
<b>202.</b>	480-93-080(2)(a)	Plastic procedures located on site where welding is performed?	X			
<b>203.</b>	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			
<b>204.</b>	480-93-013	Personnel performing “New Construction” covered tasks OQ qualified?	X			
<b>205.</b>	480-93-015(1)	Odorization	X			
<b>206.</b>	480-93-018(3)	Updated records, inc maps and drawings made available to appropriate operations personnel?	X			
<b>207.</b>	192.179	Valve Protection from Tampering or Damage	X			
<b>208.</b>	192.455	Pipeline coatings meet requirements of 192.461 (for buried pipelines installed after 7/31/71)	X			
<b>209.</b>	192.463	Levels of cathodic protection	X			
<b>210.</b>	192.465	Rectifiers	X			
<b>211.</b>	192.467	CP - Electrical Isolation	X			
<b>212.</b>	192.476	Systems designed to reduce internal corrosion	X			
<b>213.</b>	192.479	Pipeline Components exposed to the atmosphere	X			
<b>214.</b>	192.481	Atmospheric Corrosion: monitoring	X			
<b>215.</b>	192.491	Test Stations – Sufficient Number .469	X			
<b>216.</b>	480-93-115(2)	Casings – Test Leads (casings w/o vents installed after 9/05/1992)	X			
<b>217.</b>	480-93-115(2)	Mains or transmission lines installed in casings/conduit. Are casing ends sealed?	X			
<b>218.</b>	480-93-115(4)	Service lines installed in casings/conduit. Are casing ends nearest to building walls sealed?	X			
<b>219.</b>	192.605(a)	Appropriate parts of manuals kept at locations where O&M activities are conducted	X			
<b>220.</b>	192.605	Knowledge of Operating Personnel	X			
<b>221.</b>	480-93-124	Pipeline markers	X			

**Utilities and Transportation Commission  
Standard Inspection Report for Intrastate Gas Distribution Systems  
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PIPELINE INSPECTION (Field)			S	U	N/A	N/C
222.	480-93-124(4)	Markers reported missing or damaged replaced within <b>45 days</b> ?	X			
223.	192.719	Pre-pressure Tested Pipe ( <b>Markings and Inventory</b> )	X			
224.	192.195	Overpressure protection designed and installed where required?	X			
225.	192.739/743	Pressure Limiting and Regulating Devices ( <b>Mechanical/Capacities</b> )	X			
226.	192.741	Telemetry, Recording Gauges	X			
227.	192.751	Warning Signs	X			
228.	192.355	Customer meters and regulators. Protection from damage	X			
229.	192.355(c)	Pits and vaults: Able to support vehicular traffic where anticipated.	X			
230.	480-93-140	Service regulators installed, operated and maintained per state/fed regs and manufacturers recommended practices?	X			
231.	480-93-178(2)	Plastic Pipe Storage facilities – Maximum Exposure to Ultraviolet Light (2yrs) ***Notes – checked all pipe at Kitsap Way and it was only a few months old***	X			
232.	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			
233.	480-93-178(5)	Minimum Clearances from other utilities. For perpendicular lines a minimum of six 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	X			
234.	480-93-178(6)	Are there Temporary above ground PE pipe installations currently? <b>Yes</b> <b>No</b> X				
235.	480-93-178(6)(a)	If yes, is facility monitored and protected from potential damage?	X			
236.	480-93-178(6)(b)	If installation exceeded 30 days, was commission staff notified prior to exceeding the deadline?	X			
237.	192.745	Valve Maintenance (Transmission)	X			
238.	192.747	Valve Maintenance (Distribution)	X			

**Facility Sites Visited:**

Facility Type	Facility ID Number	Location

**Comments:**

Looked at Les Iles and Morgan’s OQ records before going into the field

**Utilities and Transportation Commission**  
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**Recent Gas Pipeline Safety Advisory Bulletins: (Last 2 years)**

<b><u>Number</u></b>	<b><u>Date</u></b>	<b><u>Subject</u></b>
ADB-09-01	May 21, 2009	Potential Low and Variable Yield and Tensile Strength and Chemical Composition Properties in High Strength Line Pipe
ADB-09-02	Sept 30, 2009	Weldable Compression Coupling Installation
ADB-09-03	Dec 7, 2009	Operator Qualification Program Modifications
ADB-09-04	Jan 14, 2010	Reporting Drug and Alcohol Test Results for Contractors and Multiple Operator Identification Numbers
ADB-10-02	Feb 3, 2010	Implementation of Revised Incident/Accident Report Forms for Distribution Systems, Gas Transmission and Gathering Systems, and Hazardous Liquid Systems
ADB-10-03	March 24, 2010	Girth Weld Quality Issues Due to Improper Transitioning, Misalignment, and Welding Practices of Large Diameter Line Pipe
ADB-10-04	April 29, 2010	Pipeline Safety: Implementation of Electronic Filing for Recently Revised Incident/Accident Report Forms for Distribution Systems, Gas Transmission and Gathering Systems, and Hazardous Liquid Systems
ADB-10-05	June 28, 2010	Pipeline Safety: Updating Facility Response Plans in Light of Deepwater Horizon Oil Spill
ADB-10-06	August 3, 2010	Pipeline Safety: Personal Electronic Device Related Distractions
ADB-10-07	August 31, 2010	Liquefied Natural Gas Facilities: Obtaining Approval of Alternative Vapor-Gas Dispersion Models
ADB-10-08	November 3, 2010	Pipeline Safety: Emergency Preparedness Communications
ADB-11-01	January 4, 2011	Pipeline Safety: Establishing Maximum Allowable Operating Pressure or Maximum Operating Pressure Using Record Evidence, and Integrity Management Risk Identification, Assessment, Prevention, and Mitigation
ADB-11-02	February 9, 2011	Dangers of Abnormal Snow and Ice Build-up on Gas Distribution Systems

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

# Attachment 1

## Distribution Operator Compressor Station Inspection

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		<b>COMPRESSOR STATION PROCEDURES</b>	<b>S</b>	<b>U</b>	<b>N/A</b>	<b>N/C</b>
239.	.605(b)					
240.		.605(b)(6) Maintenance procedures, including provisions for isolating units or sections of pipe and for purging before returning to service			X	
241.		.605(b)(7) Starting, operating, and shutdown procedures for gas compressor units			X	
242.		.731 Inspection and testing procedures for remote control shutdowns and pressure relieving devices ( <b>1 per yr/15 months</b> ), prompt repair or replacement			X	
243.		.735 (a) Storage of excess flammable or combustible materials at a safe distance from the compressor buildings			X	
244.		(b) Tank must be protected according to <b>NFPA #30</b>			X	
245.		.736 Compressor buildings in a compressor station must have fixed gas detection and alarm systems ( <b>must be performance tested</b> ), unless:			X	
246.		• <b>50% of the upright side areas</b> are permanently open, or			X	
247.		• It is an unattended field compressor station of <b>1000 hp or less</b>			X	

**Comments:**  
**\*\*Notes - 239-294 No Compressors\*\*\***

			<b>COMPRESSOR STATION O&amp;M PERFORMANCE AND RECORDS</b>	<b>S</b>	<b>U</b>	<b>N/A</b>	<b>N/C</b>
248.	.709	.731(a)	Compressor Station Relief Devices ( <b>1 per yr/15 months</b> )			X	
249.		.731(c)	Compressor Station Emergency Shutdown ( <b>1 per yr/15 months</b> )			X	
250.		.736(c)	Compressor Stations – Detection and Alarms ( <b>Performance Test</b> )			X	

**Comments:**  
**\*\*Notes - 239-294 No Compressors\*\*\***

			<b>COMPRESSOR STATIONS INSPECTION (Field)</b>	<b>S</b>	<b>U</b>	<b>N/A</b>	<b>N/C</b>
			(Note: Facilities may be “Grandfathered”)				
251.	.163	(c)	Main operating floor must have (at least) two (2) separate and unobstructed exits			X	
252.			Door latch must open from inside without a key			X	
253.			Doors must swing outward			X	
254.		(d)	Each fence around a compressor station must have (at least) 2 gates or other facilities for emergency exit			X	
255.			Each gate located within 200 ft of any compressor plant building must open outward			X	
256.			When occupied, the door must be opened from the inside without a key			X	
257.		(e)	Does the equipment and wiring within compressor stations conform to the <b>National Electric Code, ANSI/NFPA 70?</b>			X	
258.	.165	(a)	If applicable, are there liquid separator(s) on the intake to the compressors?			X	
259.		(b)	Do the liquid separators have a manual means of removing liquids?			X	

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COMPRESSOR STATIONS INSPECTION (Field)			S	U	N/A	N/C
(Note: Facilities may be “Grandfathered”)						
260.		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?			X	
261.	.167	(a) ESD system must:				
262.		- Discharge blowdown gas to a safe location			X	
263.		- Block and blow down the gas in the station			X	
264.		- Shut down gas compressing equipment, gas fires, electrical facilities in compressor building and near gas headers			X	
265.		- Maintain necessary electrical circuits for emergency lighting and circuits needed to protect equipment from damage			X	
266.		ESD system must be operable from at least two locations, each of which is:				
267.	.167	- Outside the gas area of the station			X	
268.		- Not more than 500 feet from the limits of the station			X	
269.		- ESD switches near emergency exits?			X	
270.		(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?			X	
271.		(c) Are ESDs on platforms designed to actuate automatically by...				
272.		- For unattended compressor stations, when:				
273.		▪ The gas pressure equals MAOP plus 15%?			X	
274.		▪ An uncontrolled fire occurs on the platform?			X	
275.		- For compressor station in a building, when				
276.		▪ An uncontrolled fire occurs in the building?			X	
277.		▪ 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)?			X	
278.	.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.			X	
279.		(b) Do the compressor station prime movers (other than electrical movers) have over-speed shutdown?			X	
280.		(c) Do the compressor units alarm or shutdown in the event of inadequate cooling or lubrication of the unit(s)?			X	
281.		(d) Are the gas compressor units equipped to automatically stop fuel flow and vent the engine if the engine is stopped for any reason?			X	
282.		(e) Are the mufflers equipped with vents to vent any trapped gas?			X	
283.	.173	Is each compressor station building adequately ventilated?			X	
284.	.457	Is all buried piping cathodically protected?			X	
285.	.481	Atmospheric corrosion of aboveground facilities			X	
286.	.603	Does the operator have procedures for the start-up and shut-down of the station and/or compressor units?			X	
287.		Are facility maps current/up-to-date?			X	
288.	.615	Emergency Plan for the station on site?			X	
289.	.619	Review pressure recording charts and/or SCADA			X	
290.	.707	Markers			X	
291.	.731	Overpressure protection – relief’s or shutdowns			X	
292.	.735	Are combustible materials in quantities exceeding normal daily usage, stored a safe distance from the compressor building?			X	

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COMPRESSOR STATIONS INSPECTION (Field)			S	U	N/A	N/C
(Note: Facilities may be “Grandfathered”)						
293.		Is aboveground oil or gasoline storage tanks protected in accordance with <b>NFPA standard No. 30?</b>			X	
294.	.736	Gas detection – location			X	

**Comments:**  
 \*\*Notes - 239-294 No Compressors\*\*\*