

**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			
<b>Inspection ID/Docket Number</b>	5841		
<b>Inspector Name &amp; Submit Date</b>	Lex Vinsel – 9/11/2014		
<b>Chief Eng Name &amp; Review/Date</b>	Joe Subits – 9/16/2014		
Operator Information			
<b>Name of Operator:</b>	Cascade Natural Gas Corporation	<b>OP ID #:</b>	2128
<b>Name of Unit(s):</b>	Aberdeen District		
<b>Records Location:</b>	Aberdeen Office, 713 W Wishkah St., Aberdeen WA 98520		
<b>Date(s) of Last (unit) Inspection:</b>	June 18-21, 2012	<b>Inspection Date(s):</b>	August 25-28, 2014

<b>Inspection Summary:</b> Inspection was of Cascade Natural Gas Companies (CNGC) Aberdeen District which includes Grays Harbor and Mason Counties, Washington. The inspection was held at CNGC Aberdeen Office. Inspection included review of district records and observation of OQ tasks performed in the field. District records reviewed were leak surveys, rectifier maintenance, odor reads, exposed pipe reports, incident reports, regulator maintenance records, pipe to soil readings, and casing isolation readings. OQ covered tasks include confirming Cathodic Protection by taking pipe-to-soil readings, regulator lock-up and relief settings, and rectifier monitoring.
---

<b>HQ Address:</b> 8113 W Grandridge Blvd Kennewick WA 99336	<b>System/Unit Name &amp; Address:</b> 713 W Wishkah St. Aberdeen WA 98520	
<b>Co. Official:</b> Eric Martuscelli <b>Phone No.:</b> 509.572.0294 <b>Fax No.:</b> 509.737.9803 <b>Emergency Phone No.:</b> 1.888.522.1130	<b>Phone No.:</b> 360.532.0400 <b>Fax No.:</b> 360.532.1072 <b>Emergency Phone No.:</b> 360.532.1072	
<b>Persons Interviewed</b>	<b>Title</b>	<b>Phone No.</b>
Patti Chartrey	Pipeline Safety Specialist	360.405.4231
Vicki Ganow	Pipeline Safety Specialist	360.788.2381
Kyle Fritz	District Manager	360.538.3939

<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)	
<input checked="" type="checkbox"/> Team inspection was performed (Within the past five years.) or,	<b>Date:</b> June 18-21, 2012

**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.

<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>	Oct 2013 Kennewick audit
<input type="checkbox"/>	OQ Program Review (PHMSA Form 14)	<b>Date:</b>	OQ is pending

GAS SYSTEM OPERATIONS			
<b>Gas Supplier</b>		Williams	
<b>Services:</b> Residential 6263    Commercial 442    Industrial 94    Other			
Number of reportable safety related conditions last year		None	
Number of <u>non-reportable</u> safety related conditions last year		None	
Miles of transmission pipeline within unit (total miles and miles in class 3 & 4 areas)		14.64 in class 3	
Miles of main within inspection unit (total miles and miles in class 3 & 4 areas)		244.06	
<b>Operating Pressure(s):</b>		<b>MAOP (Within last year)</b>	<b>Actual Operating Pressure (At time of Inspection)</b>
Feeder:	McCleary R-10	305	293
Feeder:	Shelton R-11	499	497
Town:			
Other:			
Does the operator have any transmission pipelines?		14.7 Miles of Transmission	
Compressor stations? Use Attachment 1.		None	

Pipe Specifications:			
Year Installed (Range)	1931 - Present	Pipe Diameters (Range)	½ to 12-inch
Material Type	Steel & PE	Line Pipe Specification Used	API 5L X42-X52 PE 3408 – MDPE 2406 ??
Mileage	361.66	SMYS %	24.93% for transmission section

Operator Qualification Field Validation
<b>Important:</b> 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 <a href="http://primis.phmsa.dot.gov/oqdb/home.oq">http://primis.phmsa.dot.gov/oqdb/home.oq</a> <b>Date Completed/Uploaded 09/08/2014</b>

Integrity Management Field Validation
<b>Important:</b> 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 <a href="http://primis.phmsa.dot.gov/gasimp/home.gim">http://primis.phmsa.dot.gov/gasimp/home.gim</a> <b>Date Completed/Uploaded: NA</b>

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			

**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.**

REPORTING RECORDS			S	U	N/A	N/C
1.	49 U.S.C. 60132, Subsection (b)	<p><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>Completed March 19, 2014 for all of CNGC</b></p>	X			
2.	RCW 81.88.080	<p>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>Pipeline information has been provided to the Commission.</b></p>	X			
3.	191.5	<p>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.  <b>None in this district.</b></p>			X	
4.	191.7	<p>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. <b>None in this district.</b></p>			X	
5.	191.15(a)	<p>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 in this district.</b></p>			X	
6.	191.15(c)	<p>Supplemental report (to 30-day follow-up) <b>None in this district.</b></p>			X	
7.	191.17	<p>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). <b>Annual 2013 report submitted on March 14, 2014.</b></p>	X			
8.	191.22	<p>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> <b>OPID validated on April 05, 2012</b></p>	X			
9.	191.23	<p>Filing the <b>Safety Related Condition Report (SRCR)</b> <b>None in this district.</b></p>			X	
10.	191.25  49 U.S.C. 60139, Subsection (b)(2)	<p>Filing the SRCR within 5 days of determination, but not later than 10 days after discovery.</p> <p><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.</p> <p>The report should be titled “Gas Transmission MAOP Exceedance” and provide the following information:</p> <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> <p><b>None in this district.</b></p>			X	
11.	.605(d)	<p>Instructions to enable operation and maintenance personnel to recognize potential <b>Safety Related Conditions</b>  <b>In procedures CP 720.026 Rev 1/2011</b></p>	X			

**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.**

REPORTING RECORDS			S	U	N/A	N/C
12.	191.27	Offshore pipeline condition reports – filed within 60 days after the inspections <b>No offshore pipeline in district.</b>			X	
13.	192.727(g)	Abandoned facilities offshore, onshore crossing commercially navigable waterways reports <b>None in District.</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>None in district</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>None in district</b>			X	
17.	480-93-200(1)(c)	The evacuation of a building, or high occupancy structures or areas; <b>2012-1, 2013-0, 2014-2</b>			X	
18.	480-93-200(1)(d)	The unintentional ignition of gas; <b>2012-0, 2013-0,</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>2012-0, 2013-0,</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>2012-0, 2013-0,</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>2012-0, 2013-0,</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>2012-6, 2013-1 Reviewed incident forms.</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>None in district for 2012 - 2013</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>None in district for 2012 - 2013</b>			X	
26.	480-93-200(2)(d)	A gas pipeline pressure exceeding the MAOP <b>None in district for 2012 – 2013, One in 2014</b>	X			
27.	480-93-200(4)	Did written incident reports (within 30 days of telephonic notice) include the following				
28.	480-93-200(4)(a)	Name(s) and address(es) of any person or persons injured or killed, or whose property was damaged;	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 ((operators')) 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.	X			

**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.

REPORTING RECORDS			S	U	N/A	N/C
40.	480-93-200(5)	Supplemental report if required information becomes available after 30 day report submitted <b>None required</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>None</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) <b>Reviewed documents appear to be complete.</b>	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? <b>Reviewed documents appear to be complete and information captured in comments. CW</b>	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. - <b>Records are currently being maintained, 2 years has not elapsed.</b>			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> <b>Reviewed form letter for excavators that damage gas pipeline facility. Reviewed Dirt Report - #2005965</b>	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> <b>Reviewed form letter for excavators that damage gas pipeline facility. Reviewed Dirt Report - #2005965</b>	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> <b>Reviewed form letter for excavators that damage gas pipeline facility.</b>	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...</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)	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 <b>Annual 2013 report submitted on March 14, 2014 and copies to commission.</b>	X			
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: (i) Types and numbers of construction defects; and (ii) Types and numbers of material failures. <b>Annual 2013 report submitted on March 14, 2014 and copies to commission.</b>	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>Companies update contact information in timely manner.</b>	X			

**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.**

<b>REPORTING RECORDS</b>			<b>S</b>	<b>U</b>	<b>N/A</b>	<b>N/C</b>
<b>55.</b>	480-93-200(12)	Providing by email, reports of daily construction and repair activities no later than 10:00 a.m. <b>Daily construction reports are filed in pipeline mailbox by 10am.</b>	X			
<b>56.</b>	480-93-200(13)	Submitting copy of DOT Drug and Alcohol Testing MIS Data Collection Form when required <b>Submitted on 3/14/2014</b>	X			

**Comments:**

For the DIRT program that incidents that do should not require reporting in both systems.

Also that we figure out some way to FIX the evacuation problems.

<b>CUSTOMER and EXCESS FLOW VALVE INSTALLATION NOTIFICATION</b>			<b>S</b>	<b>U</b>	<b>N/A</b>	<b>N/C</b>
<b>57.</b>	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>CP 780.06 Rev 2013</b>	X			
<b>58.</b>	192.381	Does the excess flow valve meet the performance standards prescribed under §192.381? <b>CP 601.22 Rev 2008</b>	X			
<b>59.</b>	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? <b>Records are adequate for excess flow valves.</b>	X			

**Comments:**

<b>CONSTRUCTION RECORDS</b>			<b>S</b>	<b>U</b>	<b>N/A</b>	<b>N/C</b>
<b>60.</b>	480-93-013	OQ records for personnel performing New Construction covered tasks. <b>Operators have OQ requirements and qualifications on their laptop.</b>	X			
<b>61.</b>	192.225	Test Results to Qualify Welding Procedures <b>CP 760 15 - 2014</b>	X			
<b>62.</b>	192.227	Welder Qualification – <b>CP 760 16 - 2014</b>	X			
<b>63.</b>	480-93-080(1)(b)	Appendix C Welders re-qualified <b>2/Yr (7.5Months) None</b>			X	
<b>64.</b>	480-93-080(2)	Plastic pipe joiners re-qualified <b>1/Yr (15 Months) Requalify every 12 months.</b>	X			
<b>65.</b>	480-93-080(2)(b)	Plastic pipe joiners re-qualified if no production joints made during any 12 month period <b>Requalify every 12 months.</b>	X			
<b>66.</b>	480-93-080(2)(c)	Tracking Production Joints or Re-qualify joiners <b>1/Yr (12Months) Requalify every 12 months.</b>			X	
<b>67.</b>	480-93-115(2)	Test leads on casings (without vents) installed after 9/05/1992 <b>CP 607 (Sent to Marina on Aug 20, 2014)</b>	X			
<b>68.</b>	480-93-115(3)	Sealing ends of casings or conduits on transmission lines and mains <b>CP 605.047 - 2012</b>	X			
<b>69.</b>	480-93-115(4)	Sealing ends (nearest building wall) of casings or conduits on services <b>CP 645-06 .0515</b>	X			
<b>70.</b>	192.241(a)	Visual Weld Inspector Training/Experience <b>CP 760 9.1 - 2014</b>	X			

**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.**

<b>CONSTRUCTION RECORDS</b>			<b>S</b>	<b>U</b>	<b>N/A</b>	<b>N/C</b>
<b>71.</b>	192.243(b)(2)	Nondestructive Technician Qualification – Cascade uses contractor personnel for all <b>NDT inspectors.</b>	X			
<b>72.</b>	192.243(c)	NDT procedures <b>CP 760 10.3 - 2014</b>	X			
<b>73.</b>	192.243(f)	Total Number of Girth Welds <b>CP 760 10.3 - 2014</b>	X			
<b>74.</b>	192.243(f)	Number of Welds Inspected by NDT <b>CP 760 10.3 - 2014</b>	X			
<b>75.</b>	192.243(f)	Number of Welds Rejected <b>CP 760 10.3 - 2014</b>	X			
<b>76.</b>	192.243(f)	Disposition of each Weld Rejected <b>CP 760 10.3 - 2014</b>	X			
<b>77.</b>	.273/.283	Qualified Joining Procedures Including Test Results <b>CP 607 26.8 - 2014</b>	X			
<b>78.</b>	192.303	Construction Specifications <b>CP 604.07 – 9/2012 CP 605.0364 - 2012</b>	X			
<b>79.</b>	192.325 WAC 480-93-178(4)(5)	Underground Clearances <b>Steel CP 605.022 – 2012, PE CP 607 13.4 - 2014</b>	X			
<b>80.</b>	192.327	Amount, location, cover of each size of pipe installed <b>CP 607 14.1 - 2014</b>	X			
<b>81.</b>	480-93-160(1)	Report filed <b>45 days</b> prior to construction or replacement of transmission pipelines <b>≥ 100</b> feet in length <b>CP 605.061 - 2012</b>	X			
<b>82.</b>	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>CP 605.06 - 2012</b>	X			
<b>83.</b>	480-93-160(2)(a)	Description and purpose of the proposed pipeline; <b>CP 605.06 - 2012</b>	X			
<b>84.</b>	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>CP 605.06 - 2012</b>	X			
<b>85.</b>	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>CP 605.06 - 2012</b>	X			
<b>86.</b>	480-93-160(2)(d)	MAOP for the gas pipeline being constructed; <b>CP 605.06 - 2012</b>	X			
<b>87.</b>	480-93-160(2)(e)	Location and construction details of all river crossings or other unusual construction requirements encountered en route. <b>CP 605.06 - 2012</b>	X			
<b>88.</b>	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>CP 605.06 - 2012</b>	X			
<b>89.</b>	480-93-160(2)(g)	Welding specifications; and <b>CP 605.06 - 2012</b>	X			
<b>90.</b>	480-93-160(2)(h)	Bending procedures to be followed if needed. <b>CP 605.06 - 2012</b>	X			
<b>91.</b>	480-93-170(1)	Commission notified 2 days prior to pressure testing pipelines with an MAOP producing a hoop stress <b>≥ 20% SMYS? None in district.</b>			X	
<b>92.</b>	480-93-170(7)	Pressure tests records at a minimum include required information listed under 480-93-170(a-h) <b>Reviewed two pressure tests and both had required information.</b>	X			
<b>93.</b>	480-93-170(9)	Individual pressure test records maintained for single installations where multiple pressure tests were performed? <b>CP 665.0210 – 11/2012</b>	X			
<b>94.</b>	480-93-170(10)	Pressure Testing Equipment checked for accuracy/intervals (Manufacturers Rec or Operators schedule) <b>CP 756.032 – 2012 – Reviewed calibration of all pressure gauges for 2012-2014.</b>	X			
<b>95.</b>	480-93-175(2)	Study prepared and approved prior to moving and lowering of metallic pipelines <b>&gt; 60 psig CP 622.031 – 2006, No lowering etc. in district.</b>			X	
<b>96.</b>	480-93-175(4)	Leak survey within <b>30 days</b> of moving or lowering pipelines <b>≤ 60 psig CP 622.031 – 2006, No lowering or moving in district.</b>			X	

**Comments:**

**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.**

Project 186534 – R-56 Northside of Goldsborough  
 Total number of Girth Weld – 21 girth welds and all were X-Rayed, none required rework.

<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) – <b>useful life of pipeline CP 665.0211 - 2012</b>	X			
<b>98.</b>	192.517(b)	Pressure Testing (operates below 100 psig, service lines, plastic lines) – <b>5 years CP 665.0211 – 2012 Reviewed two facilities.</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 <b>CP 780.071 &amp; .075 – 2013 Annual reviews for each part of the manual is staggered throughout the year.</b>	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? <b>Maps appear to be updated within 6 Months.</b>	X			
<b>102.</b>	192.605(b)(8)	Periodic review of personnel work – effectiveness of normal O&M procedures <b>CP 780.072 – 2013 - Reviewed monthly crew inspection forms.</b>	X			
<b>103.</b>	192.605(c)(4)	Periodic review of personnel work – effectiveness of abnormal operation procedures – <b>This is part of abnormal operating procedures which apply to Transmission.</b>			X	
<b>104.</b>	192.609	Class Location Study ( <b>If applicable</b> ) <b>No population changes or pipelines operating above 30% SMYS.</b>			X	
<b>105.</b>	192.611	Confirmation or revision of MAOP – <b>No population changes or pipelines operating above 30% SMYS.</b>			X	
<b>106.</b>	192.614	<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) <b>CNGC does their own locating and confirmation of locates whenever there is a 3<sup>rd</sup> party hit.</b>	X			
<b>108.</b>		Does operator including performance measures in facility locating services contracts with corresponding and meaningful incentives and penalties? <b>CNGC does their own locating and confirmation of locates whenever there is a 3<sup>rd</sup> party hit.</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>CNGC does their own locating and confirmation of locates whenever there is a 3<sup>rd</sup> party hit.</b>			X	
<b>110.</b>		Does the operator periodically review the Operator Qualification plan criteria and methods used to qualify personnel to perform locates? <b>CNGC does their own locating and confirmation of locates whenever there is a 3<sup>rd</sup> party hit.</b>			X	
<b>111.</b>		Review operator locating and excavation <u>procedures</u> for compliance with state law and regulations. – <b>CP 836 appears to meet all requirements.</b>	X			
<b>112.</b>		Are locates are being made within the timeframes required by state law and regulations? Examine record sample. <b>Reviewed sample of locate tickets for 2013 &amp; 2014, none were over 2 business days.</b>	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? <b>CNGC does their own locating and confirmation of locates whenever there is a 3<sup>rd</sup> party hit.</b>	X			



**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.**

OPERATIONS and MAINTENANCE RECORDS			S	U	N/A	N/C
114.		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>CP 835.031 - 2013</b>	X			

**Comments:**  
**98 Item – 3260 Johns Prairie RD#B, Shelton & 130 E Frog Acres , Shelton WA**

**Items - 107-113 Line locates per CP 836.02 – 2013. CNGC does their own locates in this district.**

115.		<b>Emergency Response Plans</b>	S	U	N/A	N/C
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 <b>CP 925 03/2013 - CNGC uses the Incident Command System</b>	X			
117.	192.615(b)(1)	Location Specific Emergency Plan - <b>Appears to be adequate</b>	X			
118.	192.615(b)(2)	Emergency Procedure training, verify effectiveness of training <b>CP 925.021 - 2013</b> <b>Review previous incidents at safety meeting.</b>	X			
119.	192.615(b)(3)	Employee Emergency activity review, determine if procedures were followed. <b>CP 925.021 - 2013 - Review previous incidents at safety meeting.</b>	X			
120.	192.615(c)	Liaison Program with Public Officials <b>CP 925.022e4 - Phone contact is made with local authorities annually. Reviewed 2012-2013.</b>	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>PA Program requirements were inspected in 2013 and found satisfactory.</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>				

**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.

125.		<b>Stakeholder Audience (LDC's)</b>	<b>Baseline Message Frequency (starting from effective date of Plan)</b>				
		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				
		<b>Stakeholder Audience (Transmission line operators)</b>	<b>Baseline Message Frequency (starting from effective date of Plan)</b>				
		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				
		126.					
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>PA Program requirements were inspected in 2013 and found satisfactory.</b>		X			
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> . <b>.616(h) PA Program requirements were inspected in 2013 and found satisfactory.</b>		X			
129.	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>No Master Meters in Aberdeen District.</b>				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) <b>None in Aberdeen District.</b>				X	

**Comments:**  
122-128 CW

**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.**

131.	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>CNG will be under order with UTC to provide MAOP confirming documentation for all Washington units. See 2013 CNG inspections by DR.</b>				X								
132.	480-93-015(1)	Odorization of Gas – Concentrations adequate <b>Reviewed monthly odorant reads for 2013-2014</b>	X											
133.	480-93-015(2)	Monthly Odorant Sniff Testing <b>Reviewed monthly odorant reads for 2013-2014</b>	X											
134.	480-93-015(3)	Prompt action taken to investigate and remediate odorant concentrations not meeting the minimum requirements <b>None in district during time frame</b>			X									
135.	480-93-015(4)	Odorant Testing Equipment Calibration/Intervals (Annually or Manufacturers Recommendation) <b>Reviewed odorization calibration for 2013-2014</b>	X											
136.	480-93-124(3)	Pipeline markers attached to bridges or other spans inspected? <b>1/yr(15 months) Reviewed quarterly patrols (2012-2014) including WO to rebury exposed pipe.</b>	X											
137.	480-93-124(4)	Markers reported missing or damaged replaced within <b>45 days? Reviewed quarterly patrols (2012-2014) including WO to rebury exposed pipe.</b>	X											
138.	480-93-140(2)	Service regulators and associated safety devices tested during initial turn-on <b>CP 684.025 – 2006 – Confirmed initial turn on of meter.</b>	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>None in district.</b>			X									
140.	480-93-185(1)	Reported gas leaks promptly investigated? Graded in accordance with 480-93-186? Records retained? <b>CP 750.074 – 2013 Reviewed leak tickets for 2013-2014</b>	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>750.013 &amp; .014 - 2013</b>	X											
142.	480-93-185(3)(b)	Leaks originating from a foreign source reported promptly/notification by mail. Records retained? <b>750.013 &amp; .014 - 2013</b>	X											
143.	480-93-186(3)	Leak evaluations: Are follow-up inspections performed within <b>30 days</b> of a leak repair? <b>CNG CP 750.093c - 2013</b>	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>CP 750.084 - 2013</b>	X											
145.	480-93-187	Gas leak records: at a minimum include required information listed under 480-93-187(1-13) <b>Reviewed records of gas leak surveys. CP 750.10 - 2013</b>	X											
146.	480-93-188(1)	Gas leak surveys <b>Reviewed leak surveys for 2012 – 2013, Elma, Hoquiam, Shelton</b>	X											
147.	480-93-188(2)	Gas detection instruments tested for accuracy/intervals (Mfct recommended or monthly not to exceed 45 days) <b>Reviewed leak surveys for 2012 – 2013, Elma, Hoquiam, Shelton</b>	X											
148.	480-93-188(3)	Leak survey frequency (Refer to Table Below) <b>Reviewed leak surveys for 2012 – 2013, Elma, Hoquiam, Shelton</b>	X											
<table border="1" style="margin: auto;"> <tr> <td>Business Districts (implement by 6/02/07)</td> <td>1/yr (15 months)</td> </tr> <tr> <td>High Occupancy Structures</td> <td>1/yr (15 months)</td> </tr> <tr> <td>Pipelines Operating ≥ 250 psig</td> <td>1/yr (15 months)</td> </tr> <tr> <td>Other Mains: CI, WI, copper, unprotected steel</td> <td>2/yr (7.5 months)</td> </tr> </table>							Business Districts (implement by 6/02/07)	1/yr (15 months)	High Occupancy Structures	1/yr (15 months)	Pipelines Operating ≥ 250 psig	1/yr (15 months)	Other Mains: CI, WI, copper, unprotected steel	2/yr (7.5 months)
Business Districts (implement by 6/02/07)	1/yr (15 months)													
High Occupancy Structures	1/yr (15 months)													
Pipelines Operating ≥ 250 psig	1/yr (15 months)													
Other Mains: CI, WI, copper, unprotected steel	2/yr (7.5 months)													
149.	480-93-188(4)(a)	Special leak surveys - Prior to paving or resurfacing, following street alterations or repairs <b>CP 716.021 – 2012 Reviewed 8 special surveys prior to paving.</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 <b>CP 716.021 – 2012 Reviewed 8 special surveys prior to paving.</b>	X											
151.	480-93-188(4)(c)	Special leak surveys - Unstable soil areas where active gas lines could be affected <b>None</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>None</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. <b>CNG 293 form was reviewed during leak record review.</b>	X											

**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.

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) <b>All records reviewed were complete.</b>	X															
155.	480-93-188(6)	Leak program - Self Audits <b>CNGC Leaks survey assessment - Dec 23, 2011</b>	X															
156.	192.709	Patrolling (Transmission Lines) ( <b>Refer to Table Below</b> ) .705 <b>CP 716.031 &amp; .032</b>	X															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Class Location</th> <th style="width:35%;">At Highway and Railroad Crossings</th> <th style="width:35%;">At All Other Places</th> </tr> </thead> <tbody> <tr> <td align="center"><b>1 and 2</b></td> <td align="center"><b>2/yr (7½ months)</b></td> <td align="center"><b>1/yr (15 months)</b></td> </tr> <tr> <td align="center"><b>3</b></td> <td align="center"><b>4/yr (4½ months)</b></td> <td align="center"><b>2/yr (7½ months)</b></td> </tr> <tr> <td align="center"><b>4</b></td> <td align="center"><b>4/yr (4½ months)</b></td> <td align="center"><b>4/yr (4½ months)</b></td> </tr> </tbody> </table>							Class Location	At Highway and Railroad Crossings	At All Other Places	<b>1 and 2</b>	<b>2/yr (7½ months)</b>	<b>1/yr (15 months)</b>	<b>3</b>	<b>4/yr (4½ months)</b>	<b>2/yr (7½ months)</b>	<b>4</b>	<b>4/yr (4½ months)</b>	<b>4/yr (4½ months)</b>
Class Location	At Highway and Railroad Crossings	At All Other Places																
<b>1 and 2</b>	<b>2/yr (7½ months)</b>	<b>1/yr (15 months)</b>																
<b>3</b>	<b>4/yr (4½ months)</b>	<b>2/yr (7½ months)</b>																
<b>4</b>	<b>4/yr (4½ months)</b>	<b>4/yr (4½ months)</b>																
157.	192.709	Leak Surveys (Transmission Lines) ( <b>Refer to Table Below</b> ) .706 <b>CP 716.031 &amp; .032</b>	X															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Class Location</th> <th style="width:35%;">Required</th> <th style="width:35%;">Not Exceed</th> </tr> </thead> <tbody> <tr> <td align="center"><b>1 and 2</b></td> <td align="center"><b>1/yr</b></td> <td align="center"><b>15 months</b></td> </tr> <tr> <td align="center"><b>3</b></td> <td align="center"><b>2/yr</b></td> <td align="center"><b>7½ months</b></td> </tr> <tr> <td align="center"><b>4</b></td> <td align="center"><b>4/yr</b></td> <td align="center"><b>4½ months</b></td> </tr> </tbody> </table>							Class Location	Required	Not Exceed	<b>1 and 2</b>	<b>1/yr</b>	<b>15 months</b>	<b>3</b>	<b>2/yr</b>	<b>7½ months</b>	<b>4</b>	<b>4/yr</b>	<b>4½ months</b>
Class Location	Required	Not Exceed																
<b>1 and 2</b>	<b>1/yr</b>	<b>15 months</b>																
<b>3</b>	<b>2/yr</b>	<b>7½ months</b>																
<b>4</b>	<b>4/yr</b>	<b>4½ months</b>																
158.	192.603(b)	Patrolling Business District ( <b>4 per yr/4½ months</b> ) .721(b)(1) <b>Do not separate out Business Districts entire district leak surveyed on quarterly patrols.</b>	X															
159.	192.603(b)	Patrolling Outside Business District ( <b>2 per yr/7½ months</b> ) 192.721(b)(2) <b>Do not separate out Business Districts entire district leak surveyed on quarterly patrols.</b>	X															
160.	192.603(b)	Leakage Survey - <b>Outside Business District (Every year) (5 years) 192.723(b)(1)</b>	X															
161.	192.603(b)	Leakage Survey 192.723(b)(2) <ul style="list-style-type: none"> <li>• <b>Outside Business District (5 years) CP 715 Reviewed Aberdeen Section 4 and Montezano Section 5 WO #7789310453</b></li> <li>• <b>Cathodically unprotected distribution lines (3 years) None in district.</b></li> </ul>	X															
162.	192.603(b)	Tests for Reinstating Service Lines 192.725 <b>CP 665.032 – 2012, CP 645.0516 - 2006</b>	X															
163.	192.603(b)/.727(g)	Abandoned Pipelines; Underwater Facility Reports 192.727 <b>CP 780.027 – 2013, CP 625.024 – 2008 - None in this district.</b>			X													
164.	192.709	Pressure Limiting and Regulating Stations ( <b>1 per yr/15 months</b> ) .739 <b>Reviewed sample of Regulating Stations.</b>	X															
165.	192.709	Pressure Limiting and Regulator Stations – Capacity ( <b>1 per yr/15 months</b> ) .743 <b>CP 745.16,c,d,e – 2012 – Engineering Reviews capacity annually.</b>	X															
166.	192.709	Valve Maintenance – Transmission ( <b>1 per yr/15 months</b> ) .745 <b>CP 740.021 – 2009 - None in district</b>			X													
167.	192.709	Valve Maintenance – Distribution ( <b>1 per yr/15 months</b> ) .747 <b>CP 740.021 – 2009 Reviewed sample</b>	X															
168.	480-93-100(3)	Service valve maintenance ( <b>1 per yr/15 months</b> ) <b>CP 740.021 – 2009 Reviewed Sample</b>	X															
169.	192.709	Vault maintenance ( <b>≥200 cubic feet</b> )( <b>1 per yr/15 months</b> ) .749 <b>CP 700.021 – 2006 - None in district</b>			X													
170.	192.603(b)	Prevention of Accidental Ignition (hot work permits) .751 <b>CP 625.013 - 2008</b>	X															
171.	192.603(b)	Welding – Procedure 192.225(b) <b>CP 760 Step 15.1 - 2014</b>	X															
172.	192.603(b)	Welding – Welder Qualification 192.227/.229 <b>CP 740.021 – 2009</b>	X															
173.	192.603(b)	NDT – NDT Personnel Qualification .243(b)(2) <b>CNGC contracts out their NDT testing.</b>	X															
174.	192.709	NDT Records ( <b>pipeline life</b> ) .243(f) <b>Reviewed during project review. Project 186534.</b>	X															
175.	192.709	Repair: pipe ( <b>pipeline life</b> ); Other than pipe ( <b>5 years</b> ) <b>CP 766.051&amp;.052 - 2012</b>	X															
176.	192.905(c)	Periodically examining their transmission line routes for the appearance of newly identified area’s (HCA’s) <b>CP 716.011 – 2012, Reviewed Annual Transmission Integrity HCA Study - 2012</b>	X															

**Comments:**

**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.**

160 – Should be b) 1 – Inside Business Districts and (every year)  
161 – Is outside business districts

164 – R-4,R-16, R-30, R42, R55, R60

168 - SV-004, SV-008, SV-011, SV-012

<b>CORROSION CONTROL RECORDS</b>			<b>S</b>	<b>U</b>	<b>N/A</b>	<b>N/C</b>
<b>177.</b>	192.455(a)(1)	Pipeline coatings meet requirements of 192.461 <i>(for buried pipelines installed after 7/31/71)</i> <b>CP 755 General Section - 2014</b>	X			
<b>178.</b>	192.455(a)(2)	CP system installed on and operating within 1 yr of completion of pipeline construction <i>(after 7/31/71)</i> <b>CP 755 General Section - 2014</b>	X			
<b>179.</b>	192.465(a)	Annual Pipe-to-soil Monitoring ( <b>1 per yr/15 months</b> ) for short sections ( <b>10% per year; all in 10 years</b> ) <b>CP 755 Step 10.1 - 2014</b>	X			
<b>180.</b>	192.491	Test Lead Maintenance .471 <b>CP 610.033 - 2013</b>	X			
<b>181.</b>	192.491	Maps or Records .491(a) <b>CP 755 General Section – 2014 Reviewed maps in field.</b>	X			
<b>182.</b>	192.491	Examination of Buried Pipe when exposed .459 <b>CP 755 Step 7 - 2014</b>	X			
<b>183.</b>	480-93-110(8)	CP test reading on all exposed facilities where coating has been removed <b>CP 755 Step 7.5 - 2014</b>	X			
<b>184.</b>	192.491	Annual Pipe-to-soil monitoring ( <b>1 per yr/15 months</b> ) .465(a) <b>CP 755-2014 Reviewed annual surveys.</b>	X			
<b>185.</b>	192.491	Rectifier Monitoring ( <b>6 per yr/2½ months</b> ) .465(b) <b>CP 755Step 10.3 - 2014</b>	X			
<b>186.</b>	192.491	Interference Bond Monitoring – Critical ( <b>6 per yr/2½ months</b> ) .465(c) <b>None in district.</b>			X	
<b>187.</b>	192.491	Interference Bond Monitoring – Non-critical ( <b>1 per yr/15 months</b> ) .465(c) <b>None in district</b>			X	
<b>188.</b>	480-93-110(2)	Remedial action taken within 90 days (Up to 30 additional days if other circumstances. Must document) .465(d) <b>Reviewed Form 20-011</b>	X			
<b>189.</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>CP 756.03 – 2012-2013 Reviewed Equipment Calibration Spreadsheet.</b>	X			
<b>190.</b>	192.491	Unprotected Pipeline Surveys, CP active corrosion areas ( <b>1 per 3 cal yr/39 months</b> ) .465(e) <b>None in district</b>			X	
<b>191.</b>	192.491	Electrical Isolation ( <b>Including Casings</b> ) .467 <b>CP 755Step 5 - 2014</b>	X			
<b>192.</b>	480-93-110(5)	Casings inspected/tested annually not to exceed <b>fifteen months - CP 755Step10.3 – 2014 – One under Chehalis River Bridge - leak</b>	X			
<b>193.</b>	480-93-110(5)(a)	Casings w/no test leads installed prior to 9/05/1992. Demonstrate other acceptable test methods <b>Tested with Tinker Razer for continuity.</b>	X			
<b>194.</b>	480-93-110(5)(b)	Possible shorted conditions – Perform confirmatory follow-up inspection within <b>90 days CP 755Step10.3.2.3 - 2014</b>	X			
<b>195.</b>	480-93-110(5)(c)	Casing shorts cleared when practical <b>CP 755 Step 10.3.2.3 – Reviewed form</b>	X			
<b>196.</b>	480-93-110(5)(d)	Shorted conditions leak surveyed within 90 days of discovery. <b>Twice annually/7.5 months CP 755Step10.3.2.3 - 2014</b>	X			
<b>197.</b>	192.491	Interference Currents .473 <b>CP 755Step 4.1 - 2014</b>	X			
<b>198.</b>	192.491	Internal Corrosion; Corrosive Gas Investigation .475(a) <b>CP 600 2012 – General Section</b>	X			
<b>199.</b>	192.491	Internal Corrosion; Internal Surface Inspection; Pipe Replacement .475(b) <b>CP 755Step 7.6 – 2014 - CNG Form 625 reviewed on Item 140</b>	X			

**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.

CORROSION CONTROL RECORDS			S	U	N/A	N/C
200.	192.491	Internal Corrosion Control Coupon Monitoring (2 per yr/7½ months) .477 Cascade <b>does not use internal coupons.</b>			X	
201.	192.491	Atmospheric Corrosion Control Monitoring (1 per 3 cal yr/39 months onshore; 1 per yr/15 months offshore) .481 CP754.031 – 2009 Reviewed form 625, and reviewed atmospheric corrosion survey.	X			
202.	192.491	Remedial: Replaced or Repaired Pipe; coated and protected; corrosion evaluation and actions .483/485 CP755Step8 – 2014	X			

**Comments:**

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? <b>None observed</b>			X	
205.	480-93-080(1)(b)	Use of testing equipment to record and document essential variables <b>None observed</b>			X	
206.	480-93-080(2)(a)	Plastic procedures located on site where welding is performed? <b>None 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. <b>None observed</b>			X	
208.	480-93-013	Personnel performing “New Construction” covered tasks OQ qualified? <b>None observed</b>			X	
209.	480-93-015(1)	Odorization <b>Odorator not available during field portion on inspection.</b>				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 (for buried pipelines installed after 7/31/71) <b>None observed</b>			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>None in District</b>			X	
217.	192.479	Pipeline Components exposed to the atmosphere	X			
218.	192.481	Atmospheric Corrosion: monitoring <b>None observed</b>			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) <b>Test leads not read due to traffic conditions.</b>			X	
221.	480-93-115(2)	Mains or transmission lines installed in casings/conduit. Are casing ends sealed? <b>No casing ends exposed during inspection.</b>			X	
222.	480-93-115(4)	Service lines installed in casings/conduit. Are casing ends nearest to building walls sealed? <b>No casing ends exposed during inspection.</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 45 days? <b>None observed.</b>			X	
227.	192.719	Pre-pressure Tested Pipe ( <b>Markings and Inventory</b> )	X			

**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.**

PIPELINE INSPECTION (Field)			S	U	N/A	N/C
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 <b>None observed.</b>			X	
231.	192.751	Warning Signs	X			
232.	192.355	Customer meters and regulators. Protection from damage	X			
233.	192.355(c)	Pits and vaults: Able to support vehicular traffic where anticipated.	X			
234.	480-93-140	Service regulators installed, operated and maintained per state/fed regs and manufacturers recommended practices?	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. <b>None observed.</b>			X	
237.	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 <b>None observed.</b>			X	
238.	480-93-178(6)	Are there Temporary above ground PE pipe installations currently? <b>Yes    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)			X	
242.	192.747	Valve Maintenance (Distribution)	X			

**Facility Sites Visited:**

Facility Type	Facility ID Number	Location
Rectifier	373-GB-0004	11 <sup>th</sup> & Simpson - Hoquiam
Rectifier	031-GB-02	Morgan & Wooding - Aberdeen
Rectifier	GB - 01	Tecumseh & Young - Aberdeen
Test Station	H105	Constanine Rd – Hwy 105 – Closer to correction center.
Test Station	H105	Constanine Rd – Hwy 105- Closer to highway.

**Comments:**

**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.

**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
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  
If an item is marked U, N/A, or N/C, an explanation must be included in this report.

243.		<b>.605(b)</b>		<b>COMPRESSOR STATION PROCEDURES</b>		<b>S</b>	<b>U</b>	<b>N/A</b>	<b>N/C</b>
244.		.605(b)(6)	Maintenance procedures, including provisions for isolating units or sections of pipe and for purging before returning to service					X	
245.		.605(b)(7)	Starting, operating, and shutdown procedures for gas compressor units					X	
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					X	
247.		.735	(a) Storage of excess flammable or combustible materials at a safe distance from the compressor buildings					X	
248.			(b) Tank must be protected according to <b>NFPA #30</b>					X	
249.		.736	Compressor buildings in a compressor station must have fixed gas detection and alarm systems ( <b>must be performance tested</b> ), unless:					X	
250.			<ul style="list-style-type: none"> <li>• <b>50% of the upright side areas</b> are permanently open, or</li> </ul>					X	
251.			<ul style="list-style-type: none"> <li>• It is an unattended field compressor station of <b>1000 hp or less</b></li> </ul>					X	

**Comments:**

NA - No compressor station in district.

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

**Comments:**

NA - No compressor station in district.

<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”)							
255.	.163	(c)	Main operating floor must have (at least) two (2) separate and unobstructed exits			X	
256.			Door latch must open from inside without a key			X	
257.			Doors must swing outward			X	
258.		(d)	Each fence around a compressor station must have (at least) 2 gates or other facilities for emergency exit			X	
259.			Each gate located within 200 ft of any compressor plant building must open outward			X	
260.			When occupied, the door must be opened from the inside without a key			X	
261.		(e)	Does the equipment and wiring within compressor stations conform to the <b>National Electric Code, ANSI/NFPA 70?</b>			X	
262.	.165	(a)	If applicable, are there liquid separator(s) on the intake to the compressors?			X	
263.		(b)	Do the liquid separators have a manual means of removing liquids?			X	

# 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  
 If an item is marked U, N/A, or N/C, an explanation must be included in this report.

COMPRESSOR STATIONS INSPECTION (Field)			S	U	N/A	N/C
(Note: Facilities may be “Grandfathered”)						
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?			X	
265.	.167	(a) ESD system must:				
266.		- Discharge blowdown gas to a safe location			X	
267.		- Block and blow down the gas in the station			X	
268.		- Shut down gas compressing equipment, gas fires, electrical facilities in compressor building and near gas headers			X	
269.		- Maintain necessary electrical circuits for emergency lighting and circuits needed to protect equipment from damage			X	
270.		ESD system must be operable from at least two locations, each of which is:				
271.	.167	- Outside the gas area of the station			X	
272.		- Not more than 500 feet from the limits of the station			X	
273.		- ESD switches near emergency exits?			X	
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?			X	
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%?			X	
278.		▪ An uncontrolled fire occurs on the platform?			X	
279.		- For compressor station in a building, when				
280.		▪ An uncontrolled fire occurs in the building?			X	
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)?			X	
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.			X	
283.		(b) Do the compressor station prime movers (other than electrical movers) have over-speed shutdown?			X	
284.		(c) Do the compressor units alarm or shutdown in the event of inadequate cooling or lubrication of the unit(s)?			X	
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?			X	
286.		(e) Are the mufflers equipped with vents to vent any trapped gas?			X	
287.	.173	Is each compressor station building adequately ventilated?			X	
288.	.457	Is all buried piping cathodically protected?			X	
289.	.481	Atmospheric corrosion of aboveground facilities			X	
290.	.603	Does the operator have procedures for the start-up and shut-down of the station and/or compressor units?			X	
291.		Are facility maps current/up-to-date?			X	
292.	.615	Emergency Plan for the station on site?			X	
293.	.619	Review pressure recording charts and/or SCADA			X	
294.	.707	Markers			X	
295.	.731	Overpressure protection – relief’s or shutdowns			X	
296.	.735	Are combustible materials in quantities exceeding normal daily usage, stored a safe distance from the compressor building?			X	
297.		Is aboveground oil or gasoline storage tanks protected in accordance with <b>NFPA standard No. 30?</b>			X	

# 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  
 If an item is marked U, N/A, or N/C, an explanation must be included in this report.

COMPRESSOR STATIONS INSPECTION (Field)			S	U	N/A	N/C
(Note: Facilities may be “Grandfathered”)						
298.	.736	Gas detection – location			X	

**Comments:**  
 NA - No compressor station in district.