

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

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

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

Inspection Report			
Inspection ID/Docket Number	6194		
Inspector Name & Submit Date	Lex Vinsel, 12/31/2015		
Chief Eng Name & Review/Date	Joe Subsits, 12/31/2015		
Operator Information			
Name of Operator:	Avista Utilities Corporation	OP ID #:	31232
Name of Unit(s):	Clarkston/Pullman District		
Records Location:	Pullman WA		
Date(s) of Last (unit) Inspection:	2012	Inspection Date(s):	October 26, 2015 – November 20, 2015

Inspection Summary:

During leak survey review was found that one or two Ayle A main lines were not surveyed annually as per agreement regarding Aldey A mains still in the ground. Found in 6194 Not sure what city. Leaks surveys were broken out separately during this inspection.

HQ Address: 1411 East Mission PO Box 3727 Spokane WA 99220-3727	System/Unit Name & Address: Pullman/Clarkston WA	
Co. Official: Heather Rosentrater Phone No.: 509-495-4430 Fax No.: Emergency Phone No.: 509-990-2386	Phone No.: 509-495-8499 Fax No.: Emergency Phone No.: 509-990-2386	
Persons Interviewed	Title	Phone No.
Randy Bareither	Pipeline Safety Engineer	509-434-6783
Bill Spears	CPC	208-798-1476
Ted Boyle	CPC	208-791-0876
Colby Witters	CPC	509-780-1475
Jeremy Burke	Gas Serviceman	509-791-1545
Bob Larson	CP Tech	509-981-4748
Trevor Salonen	Pressure Controlman	509-336-3558
Russ Hoisington	Gas Serviceman(Pullman)	208-798-1472
Jenny Blaylock	Pullman Manager	509-336-6245
Donna Konen	Construction Services Technician	509-336-6242
Pamela Bennett	Compliance Tech	509-495-2050

WUTC staff conducted an abbreviated procedures inspection on 192 O&M and WAC items that changed since the last inspection. This checklist focuses on Records and Field items per a routine standard inspection.

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(check one below and enter appropriate date)			
<input checked="" type="checkbox"/>	Team inspection was performed (Within the past five years.) or,	Date:	April 2012
<input type="checkbox"/>	Other WUTC Inspector reviewed the O & M Manual (Since the last yearly review of the manual by the operator.)	Date:	
<input type="checkbox"/>	OQ Program Review (PHMSA Form 14)	Date:	

April 201

GAS SYSTEM OPERATIONS			
Gas Supplier	Williams		
Services:	Residential 13870 Commercial 1666 Industrial 4 Other 6		
Number of reportable safety related conditions last year	None	Number of deferred leaks in system	21 ,17-Pull, 4-Clarkson
Number of <u>non-reportable</u> safety related conditions last year	None	Number of third party hits last year	12-Pullman, 35-Clarkston (2014)
Miles of transmission pipeline within unit (total miles and miles in class 3 & 4 areas)	None	Miles of main within inspection unit(total miles and miles in class 3 & 4 areas)	130/117 (total miles/class 3&4 miles) in Clarkson, 199/151 Pullman
Operating Pressure(s):		MAOP (Within last year)	Actual Operating Pressure (At time of Inspection)
Feeder:			
Town:			
Other:			
Does the operator have any transmission pipelines?	Covered in the transmission unit		
Compressor stations? Use Attachment 1.	No compressor stations in district.		

Pipe Specifications:			
Year Installed (Range)	1956-Present	Pipe Diameters (Range)	½-inch to 12-inch
Material Type	Steel & PE	Line Pipe Specification Used	API 5L & ASTM D 2513
Mileage	329 total for clark & pull	SMYS %	16.9% max at 500 psig

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

Integrity Management Field Validation
Important: Per PHMSA, IMP Field Verification Form (Rev 6/18/2012) shall be used by the inspector as part of this standard inspection. When completed, the inspector will upload this information into the PHMSA IM Database (IMDB) located at http://primis.phmsa.dot.gov/gasimp/home.gim Date Completed/Uploaded: No Integrity Management Field validation required

PART 199 Drug and Alcohol Testing Regulations and Procedures				S	U	NA	NC
Subparts A - C	Drug & Alcohol Testing & Misuse Prevention Program – Use PHMSA Form #13, Rev 3/19/2010. Do not ask the company to have a drug and alcohol expert available for this portion of your inspection.			X			

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REPORTING RECORDS			S	U	N/A	N/C
1.	49 U.S.C. 60132, Subsection (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 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 opsgis@rspa.dot.gov stating that fact.</u> Include operator contact information with all updates.	X			
2.	RCW 81.88.080	Pipeline Mapping System: Has the operator provided accurate maps (or updates) of pipelines, operating over two hundred fifty pounds per square inch gauge, to specifications developed by the commission sufficient to meet the needs of first responders?	X			
3.	191.5	Immediate Notice of certain incidents to NRC (800) 424-8802 , or electronically at http://www.nrc.uscg.mil/nrchp.html , and additional report if significant new information becomes available. Operator must have a written procedure for calculating an initial estimate of the amount of product released in an accident.	X			
4.	191.7	Reports (except SRCR and offshore pipeline condition reports) must be submitted electronically to PHMSA at http://portal.phmsa.dot.gov/pipeline 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 (Form F7100.2) Submittal must be electronically to http://pipelineonlinereporting.phmsa.dot.gov	X			
6.	191.15(c)	Supplemental report (to 30-day follow-up) No supplemental reports issues			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 http://portal.phmsa.dot.gov/pipeline	X			
9.	191.23	Filing the Safety Related Condition Report (SRCR)	X			
10.	191.25 49 U.S.C. 60139, Subsection (b)(2)	Filing the SRCR within 5 days of determination, but not later than 10 days after discovery. Note: 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 on or before the fifth day following the date on which the exceedance occurs. The report should be titled “Gas Transmission MAOP Exceedance” and provide the following information: <ul style="list-style-type: none"> • 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. • The name, job title, and business telephone number of the person who determined the condition exists. • The date the condition was discovered and the date the condition was first determined to exist. • 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. • 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. 	X			
11.	.605(d)	Instructions to enable operation and maintenance personnel to recognize potential Safety Related Conditions	X			
12.	191.27	Offshore pipeline condition reports – filed within 60 days after the inspections No offshore pipelines			X	
13.	192.727(g)	Abandoned facilities offshore, onshore crossing commercially navigable waterways reports No Abandoned facilities			X	

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REPORTING RECORDS			S	U	N/A	N/C
14.	480-93-200(1)	Telephonic Reports to UTC Pipeline Safety Incident Notification 1-888-321-9144 (Within 2 hours) for events which results in; Two of these types of reports , lines 17-18 were made for this inspection cycle.(Ignition of gas in Clarkston, Evacuation in Pullman)				
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; Pullman 3/19/2014	X			
18.	480-93-200(1)(d)	The unintentional ignition of gas; Clarkston 11/3/2014	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 UTC Pipeline Safety Incident Notification 1-888-321-9146 (Within 24 hours) for; NOTE: One of these types of Notifications were done in this time period, 1 uncontrolled over 2 hours in Clarkston.				
23.	480-93-200(2)(a)	The uncontrolled release of gas for more than two hours;	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;	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	X			
26.	480-93-200(2)(d)	A gas pipeline pressure exceeding the MAOP	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			
40.	480-93-200(5)	Supplemental report if required information becomes available after 30 day report submitted No supplemental reports filed for this reporting period for Clarkston/Pullman			X	
41.	480-93-200(6)	Written report within 5 days of receiving the failure analysis of any incident or hazardous condition due to construction defects or material failure	X			
42.	480-93-200(7)	Filing Reports of Damage to Gas Pipeline Facilities to the commission. (eff 4/1/2013) (Via the commission's Virtual DIRT system or on-line damage reporting form)				
43.	480-93-200(7)(a)	Does the operator report to the commission the requirements set forth in RCW 19.122.053(3) (a) through (n)	X			

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REPORTING RECORDS			S	U	N/A	N/C
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 without facility locates first being completed?	X			
45.	480-93-200(7)(c)	Does the operator retain all damage and damage claim records it creates related to damage events reported under 93-200(7)(b), including photographs and documentation supporting the conclusion that a facilities locate was not completed? Note: Records maintained for two years and made available to the commission upon request.	X			
46.	480-93-200(8)	Does the operator provide the following information to excavators who damage gas pipeline facilities?				
47.	480-93-200(8)(a)	<ul style="list-style-type: none"> Notification requirements for excavators under RCW 19.122.050(1) – Reviewed Letter 	X			
48.	480-93-200(8)(b)	<ul style="list-style-type: none"> A description of the excavator's responsibilities for reporting damages under RCW 19.122.053; and Reviewed Example Letter 	X			
49.	480-93-200(8)(c)	<ul style="list-style-type: none"> 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. 	X			
50.	480-93-200(9)	Reports to the commission only when the operator or its contractor observes or becomes aware of the following activities... <ul style="list-style-type: none"> 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) A person intentionally damages or removes marks indicating the location or presence of gas pipeline facilities. 200(9)(b) This was corrected during the Colville Audit 		X		
51.	480-93-200(10)	Annual Reports filed with the commission no later than March 15 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	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.	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	X			
55.	480-93-200(12)	Providing by email, reports of daily construction and repair activities no later than 10:00 a.m.	X			
56.	480-93-200(13)	Submitting copy of DOT Drug and Alcohol Testing MIS Data Collection Form when required	X			

Comments:

50- Currently they do not have in their standards but will add for 2016 season. Need to add to their standards. They do comply with the first bullet.

30-39 Randy will email me the three letters so that I can review compliant to the wacs lev

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CUSTOMER and EXCESS FLOW VALVE INSTALLATION NOTIFICATION			S	U	N/A	N/C
57.	192.16	Customer notification - Customers notified, within 90 days , of their responsibility for those service lines not maintained by the operator	X			
58.	192.381	Does the excess flow valve meet the performance standards prescribed under §192.381?	X			
59.	192.383	Does the operator have an installation and reporting program for excess flow valves and does the program meet the requirements outlined in §192.383? Are records adequate? Spec 3.16 Sheets 1&2.	X			

Comments:
 EFV Symbol will be shown on as built drawings.

CONSTRUCTION RECORDS			S	U	N/A	N/C
60.	480-93-013	OQ records for personnel performing New Construction covered tasks – See Spec. 4.31, Sheet 3, “Determination of Covered Tasks” Reviewed 4.31 Rev number 14 issue date 1/01/14 – Reviewed Specification	X			
61.	192.225	Test Results to Qualify Welding Procedures – Avista qualifies IAW API-1104 and API-1107 per Spec. 3.22, Sheet 1.	X			
62.	192.227	Welder Qualification	X			
63.	480-93-080(1)(b)	Appendix C Welders re-qualified 2/Yr (7.5Months) – Avista does not use Appendix C.			X	
64.	480-93-080(2)	Plastic pipe joiners re-qualified 1/Yr (15 Months) See Sec 3.23 sheet 1	X			
65.	480-93-080(2)(b)	Plastic pipe joiners re-qualified if no production joints made during any 12 month period See Sec 3.23 sheet 1	X			
66.	480-93-080(2)(c)	Tracking Production Joints or Re-qualify joiners 1/Yr (12Months) See Sec 3.23 sheet 1	X			
67.	480-93-115(2)	Test leads on casings (without vents) installed after 9/05/1992 See Spec 3.42 Sheet 3	X			
68.	480-93-115(3)	Sealing ends of casings or conduits on transmission lines and mains See Spec 3.42 Sheet 5	X			
69.	480-93-115(4)	Sealing ends (nearest building wall) of casings or conduits on services See Spec 3.16 Sheet 8	X			
70.	192.241(a)	Visual Weld Inspector Training/Experience – See latest OQ for VWI. Spec. 4.31, Appendix A, Task 221.130.005	X			
71.	192.243(b)(2)	Nondestructive Technician Qualification NDT only performed on TRANSMISSION THERFOR N/A for this inspection.			X	
72.	192.243(c)	NDT procedures N/A - TRANSMISSION			X	
73.	192.243(f)	Total Number of Girth Welds N/A - TRANSMISSION			X	
74.	192.243(f)	Number of Welds Inspected by NDT N/A - TRANSMISSION			X	
75.	192.243(f)	Number of Welds Rejected N/A - TRANSMISSION			X	
76.	192.243(f)	Disposition of each Weld Rejected N/A - TRANSMISSION			X	
77.	.273/.283	Qualified Joining Procedures Including Test Results	X			
78.	192.303	Construction Specifications	X			
79.	192.325 WAC 480-93-178(4)(5)	Underground Clearances	X			
80.	192.327	Amount, location, cover of each size of pipe installed Reviewed Sample of AS-Built in Clarkson	X			
81.	480-93-160(1)	Report filed 45 days prior to construction or replacement of transmission pipelines ≥ 100 feet in length See spec. 2.12, Sheet 4	X			

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CONSTRUCTION RECORDS			S	U	N/A	N/C
82.	480-93-160(2)	Did report describe the proposed route and the specifications for the pipeline and must include, but is not limited to the following items:	X			
83.	480-93-160(2)(a)	Description and purpose of the proposed pipeline;	X			
84.	480-93-160(2)(b)	Route map showing the type of construction to be used throughout the length of the line, and delineation of class location as defined in 49 CFR Part 192.5, and incorporated boundaries along the route.	X			
85.	480-93-160(2)(c)	Location and specification of principal valves, regulators, and other auxiliary equipment to be installed as a part of the pipeline system to be constructed	X			
86.	480-93-160(2)(d)	MAOP for the gas pipeline being constructed;	X			
87.	480-93-160(2)(e)	Location and construction details of all river crossings or other unusual construction requirements encountered en route.	X			
88.	480-93-160(2)(f)	Proposed corrosion control program to be followed inc specs for coating and wrapping, and method to ensure the integrity of the coating using holiday detection equipment;	X			
89.	480-93-160(2)(g)	Welding specifications; and	X			
90.	480-93-160(2)(h)	Bending procedures to be followed if needed. See spec. 2.12, Sheet 4	X			
91.	480-93-170(1)	Commission notified 2 days prior to pressure testing pipelines with an MAOP producing a hoop stress $\geq 20\%$ SMYS? – Spec 3.18, Sheet 4.	X			
92.	480-93-170(7)	Pressure tests records at a minimum include required information listed under 480-93-170(a-h) See spec. 3.18, Sheets 9 & 10 (Pressure test sticker has these minimums)	X			
93.	480-93-170(9)	Individual pressure test records maintained for single installations where multiple pressure tests were performed? See Spec. 3.18, Sheet 9	X			
94.	480-93-170(10)	Pressure Testing Equipment checked for accuracy/intervals (Manufacturers Rec or Operators schedule) See Spec. 5.12, Sheet 5	X			
95.	480-93-175(2)	Study prepared and approved prior to moving and lowering of metallic pipelines > 60 psig See Spec 3.12, Sheets 12 and 13	X			
96.	480-93-175(4)	Leak survey within 30 days of moving or lowering pipelines ≤ 60 psig See Spec 3.12, Sheet 13	X			

Comments:

OPERATIONS and MAINTENANCE RECORDS			S	U	N/A	N/C
97.	192.517(a)	Pressure Testing (operates at or above 100 psig) – useful life of pipeline Reviewed six provided as builds.	X			
98.	192.517(b)	Pressure Testing (operates below 100 psig, service lines, plastic lines) – 5 years Reviewed all pressure tests for six (6) as builds.	X			
99.	192.605(a)	Procedural Manual Review – Operations and Maintenance (1 per yr/15 months) Note: Including review of OQ procedures as <u>suggested</u> by PHMSA - ADB-09-03 dated 2/7/09	X			
100.	192.605(b)(3)	Availability of construction records, maps, operating history to operating personnel	X			
101.	480-93-018(3)	Records, including maps and drawings updated within 6 months of completion of construction activity? Reviewed Farmtap install and time taken to insert in map system	X			
102.	192.605(b)(8)	Periodic review of personnel work – effectiveness of normal O&M procedures	X			
103.	192.605(c)(4)	Periodic review of personnel work – effectiveness of abnormal operation procedures Manager reviews all trouble orders.	X			
104.	192.609	Class Location Study (If applicable) N/A We design to Class 4			X	

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105.	192.611	Confirmation or revision of MAOP No MAOP revision			X	
106.	192.614	Damage Prevention (Operator Internal Performance Measures)				
107.		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) Reviewed General Services Committee. ELM locations contractor contracts provide for penalties for poor performance.	X			
108.		Does operator including performance measures in facility locating services contracts with corresponding and meaningful incentives and penalties? Reviewed contract for ELM in relation to performance and penalties.	X			
109.		Do locate contractors address performance problems for persons performing locating services through mechanisms such as re-training, process change, or changes in staffing levels? See ELM discipline procedures in QR Binder.	X			
110.		Does the operator periodically review the Operator Qualification plan criteria and methods used to qualify personnel to perform locates? Yes	X			
111.		Review operator locating and excavation <u>procedures</u> for compliance with state law and regulations. See spec 4.13 Location and 3.15 Trenching and Backfill	X			
112.		Are locates are being made within the timeframes required by state law and regulations? Examine record sample. Reviewed sample of location records to determine compliance with the two business day requirement.	X			
113.		Are locating and excavating personnel properly <u>qualified</u> in accordance with the operator’s Operator Qualification plan and with federal and state requirements (ELM is the contractor and all of their qualifications are administered by Vera force)	X			
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? See Spec 4.13, page 5, “On-Site inspection Gen.” 2. In the case of blasting, does the inspection include leakage surveys? See Spec. 4.13, sheet 5	X			

Comments:
Mock drill on losing communication 2015.

Emergency Response Plans			S	U	N/A	N/C
115.						
116.	192.603(b)	Prompt and effective response to each type of emergency .615(a)(3) Note: Review operator records of previous accidents and failures including third-party damage and leak response Reviewed trouble orders of response timely, reviewed 13 out of 127 possible as a sample.	X			
117.	192.615(b)(1)	Location Specific Emergency Plan Reviewed EOP and appears adequate.	X			
118.	192.615(b)(2)	Emergency Procedure training, verify effectiveness of training Mock drills Nov 20, 2012 Gas EOP Tabletop Mock Drill and table tops. Reviewed Gas EOP Training Agenda Mock for drill on transmission line.	X			
119.	192.615(b)(3)	Employee Emergency activity review, determine if procedures were followed. Managers review all trouble orders.	X			
120.	192.615(c)	Liaison Program with Public Officials Reviewed Spreadsheet Database by PA dept that managers keep up to date.	X			
121.	192.616	Public Awareness Program				

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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: Covered in Public awareness inspection				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.		API RP 1162 Baseline* Recommended Message Deliveries																														
125.		<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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126.		* Refer to API RP 1162 for additional requirements, including general program recommendations, supplemental requirements, recordkeeping, program evaluation, etc.																														
127.	192.616(g)	The program conducted in English and any other languages commonly understood by a significant number of the population in the operator's area. Covered in Public awareness inspection				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 June 20, 2010 . .616(h) Covered in Public awareness inspection				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. None in system.			X																											
130.	192.617	Review operator records of accidents and failures including laboratory analysis where appropriate to determine cause and prevention of recurrence .617 Note: Including excavation damage and leak response records (PHMSA area of emphasis) (NTSB B.10) See spec 4.31 Sht 6 & GESH EOP Sheets 4&5	X																													

Comments: _____

Utilities and Transportation Commission
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122-128 Previous inspection on PA in 2012, 2013, & 2014.

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) See Spec 4.15 for MAOP. Avista does not use PA-11 type pipe.	X			
132.	480-93-015(1)	Odorization of Gas – Concentrations adequate Spec 4.18 Sheet 1	X			
133.	480-93-015(2)	Monthly Odorant Sniff Testing Reviewed 2012-2014 odor reads for all Pullman and Clark any reads greater than 0.40 % were remediated.	X			
134.	480-93-015(3)	Prompt action taken to investigate and remediate odorant concentrations not meeting the minimum requirements Above 0.40% immediate retesting was performed. Spec 4.18	X			
135.	480-93-015(4)	Odorant Testing Equipment Calibration/Intervals (Annually or Manufacturers Recommendation) reviewed calibration records. Reviewed calibration for CGI units 2012-2014	X			
136.	480-93-124(3)	Pipeline markers attached to bridges or other spans inspected? 1/yr(15 months) Avista inspects bridges quarterly	X			
137.	480-93-124(4)	Markers reported missing or damaged replaced within 45 days?	X			
138.	480-93-140(2)	Service regulators and associated safety devices tested during initial turn-on GESH 6 sheet 6, GESH 7 sheets 3-4	X			
139.	480-93-155(1)	Up-rating of system MAOP to >60 psig? Procedures and specifications submitted 45 days prior? No uprates during inspection cycle.			X	
140.	480-93-185(1)	Reported gas leaks promptly investigated? Graded in accordance with 480-93-186? Records retained? Colville reviewed for 10 out of 79 odor calls for Clark/Pull from 2012-2014 reviewed for appropriate time period of response.	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; Section 5.11 sheet 5 - Reviewed during Colville audit.	X			
142.	480-93-185(3)(b)	Leaks originating from a foreign source reported promptly/notification by mail. Records retained? Reviewed 4 letters to person at foreign source - Reviewed during Colville audit.	X			
143.	480-93-186(3)	Leak evaluations: Are follow-up inspections performed within 30 days of a leak repair? Reviewed sample of leak evaluations with Residual Gas to insure proper follow-up for Clark/Pull district.	X			
144.	480-93-186(4)	Leak evaluations: Grade 1 and 2 leaks (if any), downgraded once to a grade 3 without physical repair? Spec. 5.11, sheet 17 - Reviewed sample of leak reports.	X			
145.	480-93-187	Gas leak records: at a minimum include required information listed under 480-93-187(1-13) Reviewed during Colville audit Records contain minimum required information.	X			
146.	480-93-188(1)	Gas leak surveys See Spec. 5.11 , sheet 3 "Gas Leak Survey Methods"	X			
147.	480-93-188(2)	Gas detection instruments tested for accuracy/intervals (Mfct recommended or monthly not to exceed 45 days) Leak equipment calibrated every day of use.	X			
148.	480-93-188(3)	Leak survey frequency (Refer to Table Below) See Spec. 5.11, Sheet 6&7&8	X			

Business Districts (implement by 6/02/07)	1/yr (15 months)
High Occupancy Structures	1/yr (15 months)
Pipelines Operating \geq 250 psig	1/yr (15 months)
Other Mains: CI, WI, copper, unprotected steel	2/yr (7.5 months) None

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149.	480-93-188(4)(a)	Special leak surveys - Prior to paving or resurfacing, following street alterations or repairs - 2013 special leak survey (1) and no leaks found. Reviewed leak surveys for for 2014.	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 Spec 5.11 Sheet 7&8	X															
151.	480-93-188(4)(c)	Special leak surveys - Unstable soil areas where active gas lines could be affected Spec 5.11 Sheet 7&8	X															
152.	480-93-188(4)(d)	Special leak surveys - areas and at times of unusual activity, such as earthquake, floods, and explosions Spec 5.11 Sheet 7&8	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. Spec 5.11 Sheet 16, Service line leak survey	X															
154.	480-93-188(5)	Gas Survey Records (Min 5 yrs) and at a minimum include required information listed under 480-93-188 (5) (a-f) Reviewed during Colville audit. Records kept over 5 years.	X															
155.	480-93-188(6)	Leak program - Self Audits Reviewed self audits performed every year. 2012, 2013, 2014. Reviewed during Colville audit.	X															
156.	192.709	Patrolling (Transmission Lines) (Refer to Table Below) .705 No Transmission in District.				X												
<table border="1"> <thead> <tr> <th>Class Location</th> <th>At Highway and Railroad Crossings</th> <th>At All Other Places</th> </tr> </thead> <tbody> <tr> <td>1 and 2</td> <td>2/yr (7½ months)</td> <td>1/yr (15 months)</td> </tr> <tr> <td>3</td> <td>4/yr (4½ months)</td> <td>2/yr (7½ months)</td> </tr> <tr> <td>4</td> <td>4/yr (4½ months)</td> <td>4/yr (4½ months)</td> </tr> </tbody> </table>							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)
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157.	192.709	Leak Surveys (Transmission Lines) (Refer to Table Below) .706 No Transmission in District.				X												
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3	2/yr	7½ months																
4	4/yr	4½ months																
158.	192.603(b)	Patrolling Business District (4 per yr/4½ months) .721(b)(1) Review 2012-2014 bridge patrols for Pull/Clark Dist. Avista does all bridges quarterly.	X															
159.	192.603(b)	Patrolling Outside Business District (2 per yr/7½ months) 192.721(b)(2) Avista does all bridges quarterly.				X												
160.	192.603(b)	Leakage Survey - Outside Business District (5 years) 192.723(b)(1)	X															
161.	192.603(b)	Leakage Survey 192.723(b)(2) <ul style="list-style-type: none"> • Outside Business District (5 years) • Cathodically unprotected distribution lines (3 years) 	X															
162.	192.603(b)	Tests for Reinstating Service Lines 192.725 See Spec 5.17	X															
163.	192.603(b)/.727(g)	Abandoned Pipelines; Underwater Facility Reports 192.727 No abandoned pipelines in navigable rivers				X												
164.	192.709	Pressure Limiting and Regulating Stations (1 per yr/15 months) .739 Review 98 pull Clark 18 reviewed 2012-2014 all OK	X															
165.	192.709	Pressure Limiting and Regulator Stations – Capacity (1 per yr/15 months) .743 Please look for this 156 total checked every three for a pic of 54 out of 156 then 19 out of 54 we drilled down some were converted to farm taps some became regulators and Moonies, worker monitors.	X															
166.	192.709	Valve Maintenance – Transmission (1 per yr/15 months) .745 Transmission only				X												

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167.	192.709	Valve Maintenance – Distribution (1 per yr/15 months) .747 Please look for this 145 checked every three for a Please look for this 156 total checked every three for a pic of 54 out of 156 then 19 out of 54 we drilled down some were converted to farm taps some became regulators and moonies, worker monitors. of 54 out of 156 then 19 out of 54 we drilled down some were converted to farm taps some became regulaorts and moonies, worker monitors.	X			
168.	480-93-100(3)	Service valve maintenance (1 per yr/15 months) checked dates on 20 in 145 drilled doen in 5 instances	X			
169.	192.709	Vault maintenance (≥200 cubic feet)(1 per yr/15 months) .749 No vaults in WA			X	
170.	192. 603(b)	Prevention of Accidental Ignition (hot work permits) .751 Spec 3.17	X			
171.	192. 603(b)	Welding – Procedure 192.225(b)	X			
172.	192. 603(b)	Welding – Welder Qualification 192.227/.229 Reviewed morning in Clarkston	X			
173.	192. 603(b)	NDT – NDT Personnel Qualification .243(b)(2) Transmission Only			X	
174.	192.709	NDT Records (pipeline life) .243(f) Transmission Only			X	
175.	192.709	Repair: pipe (pipeline life); Other than pipe (5 years) Transmission Only			X	
176.	192.905(c)	Periodically examining their transmission line routes for the appearance of newly identified area’s (HCA’s) None in this district			X	

Comments:
COMMON WITH COLVILLE - OK
Current color is to be able to track where I am on the screen

CORROSION CONTROL RECORDS			S	U	N/A	N/C
177.	192.455(a)(1)	Pipeline coatings meet requirements of 192.461 COMMON (for buried pipelines installed after 7/31/71) GSM Section 2.32 Sheet 5	X			
178.	192.455(a)(2)	CP system installed on and operating within 1 yr of completion of pipeline construction (after 7/31/71) GSM Section 2.32 Sheet 5	X			
179.	192.465(a)	Annual Pipe-to-soil Monitoring (1 per yr/15 months) for short sections (10% per year; all in 10 years) REVIEWED ANNUALS FOR 2012-2014 PULLMAN DIST. - IN COLVILLE REVIEWED 10% FOR ALL OF WASHINGTON – OK	X			
180.	192.491	Test Lead Maintenance .471 Spec 2.32 Sheets 6 and 8	X			
181.	192.491	Maps or Records .491(a) Reviewed 19 maps out of 19 possible maps	X			
182.	192.491	Examination of Buried Pipe when exposed .459 Spec 3.44 sheet 1	X			
183.	480-93-110(8)	CP test reading on all exposed facilities where coating has been removed Selected 44 of 90 that have coating absent so reading could be taken. All reads OK	X			
184.	192.491	Annual Pipe-to-soil monitoring (1 per yr/15 months) .465(a) Reviewed 41 out of 400 in Pullman and 31 out of 315 Clarkston All were satisfactory - Same as item 179	X			
185.	192.491	Rectifier Monitoring (6 per yr/2½ months) .465(b) Reviewed records, reading were stable and consistent.	X			
186.	192.491	Interference Bond Monitoring – Critical (6 per yr/2½ months) .465(c) No critical nor non critical bonds in Pullman or Clarkston			X	
187.	192.491	Interference Bond Monitoring – Non-critical (1 per yr/15 months) .465(c) No critical nor non critical bonds in Pullman or Clarkston			X	

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CORROSION CONTROL RECORDS			S	U	N/A	N/C
188.	480-93-110(2)	Remedial action taken within 90 days (Up to 30 additional days if other circumstances. Must document) .465(d) Six occurrences reviewed all 6 for Lewiston and Clarkston Districts	X			
189.	480-93-110(3)	CP equipment/ instrumentation maintained, tested for accuracy, calibrated, and operated in accordance with manufactures recommendations, or at appropriate schedule determined by gas company if no recommendation. 2012-2014 reviewed calibration during time frame	X			
190.	192.491	Unprotected Pipeline Surveys, CP active corrosion areas (1 per 3 cal yr/39 months) .465(e) NO UNPROTECTED pipeline in Pullman or Clarkston districts			X	
191.	192.491	Electrical Isolation (Including Casings) .467 Spec 2.32 Sheet 7	X			
192.	480-93-110(5)	Casings inspected/tested annually not to exceed fifteen months Reviewed 63 of 188 with 3-4 drill downs all good	X			
193.	480-93-110(5)(a)	Casings w/no test leads installed prior to 9/05/1992. Section 5.14 sheets 11&12 No casings without test leads in Clarkston or Pullman.			X	
194.	480-93-110(5)(b)	Possible shorted conditions – Perform confirmatory follow-up inspection within 90 days. NO shorted casings during time frame for Pullman or Clarkston.	X			
195.	480-93-110(5)(c)	Casing shorts cleared when practical Addressed in Spec 5.14 sheets 4-5 No occurrences during time frame.	X			
196.	480-93-110(5)(d)	Shorted conditions leak surveyed within 90 days of discovery. Twice annually/7.5 months COMMON WITH COLVILLE – OK Addressed in Spec 5.14 sheets 4-5, 8 no occurrences during time frame.	X			
197.	192.491	Interference Currents .473 None in Pullman or Clarkston during time frame.			X	
198.	192.491	Internal Corrosion; Corrosive Gas Investigation .475(a) Non corrosive gas by contract			X	
199.	192.491	Internal Corrosion; Internal Surface Inspection; Pipe Replacement .475(b) Reviewed on Exposed Pipe Report	X			
200.	192.491	Internal Corrosion Control Coupon Monitoring (2 per yr/7½ months) .477 Non corrosive gas by contract no coupons in system			X	
201.	192.491	Atmospheric Corrosion Control Monitoring (1 per 3 cal yr/39 months onshore; 1 per yr/15 months offshore) .481 Reviewed records for 2012-2014 for Pullman Clarkston and reviewed 4 recorded of buried services.	X			
202.	192.491	Remedial: Replaced or Repaired Pipe; coated and protected; corrosion evaluation and actions .483/485 Spec 2.32 sheet 5	X			

Comments:

And also reviewed records for Colville. Only four records of any work to be done for atmospheric control.

Stipulated Agreement – Remark regarding the agreement. Docket PG-082253

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? Not observed			x	
205.	480-93-080(1)(b)	Use of testing equipment to record and document essential variables Not observed			x	
206.	480-93-080(2)(a)	Plastic procedures located on site where welding is performed? Not observed			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. Not observed			x	
208.	480-93-013	Personnel performing “New Construction” covered tasks OQ qualified? Not observed			x	
209.	480-93-015(1)	Odorization				
210.	480-93-018(3)	Updated records, inc maps and drawings made available to appropriate operations personnel?	x			

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PIPELINE INSPECTION (Field)			S	U	N/A	N/C
211.	192.179	Valve Protection from Tampering or Damage	x			
212.	192.455	Pipeline coatings meet requirements of 192.461 (<i>for buried pipelines installed after 7/31/71</i>)	x			
213.	192.463	Levels of cathodic protection	x			
214.	192.465	Rectifiers	x			
215.	192.467	CP - Electrical Isolation	x			
216.	192.476	Systems designed to reduce internal corrosion No evidence of corrosive gas			x	
217.	192.479	Pipeline Components exposed to the atmosphere	x			
218.	192.481	Atmospheric Corrosion: monitoring	x			
219.	192.491	Test Stations – Sufficient Number .469	x			
220.	480-93-115(2)	Casings – Test Leads (casings w/o vents installed after 9/05/1992)	x			
221.	480-93-115(2)	Mains or transmission lines installed in casings/conduit. Are casing ends sealed?	x			
222.	480-93-115(4)	Service lines installed in casings/conduit. Are casing ends nearest to building walls sealed?	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	xx			
225.	480-93-124	Pipeline markers	x			
226.	480-93-124(4)	Markers reported missing or damaged replaced within 45 days?	x			
227.	192.719	Pre-pressure Tested Pipe (Markings and Inventory)	x			
228.	192.195	Overpressure protection designed and installed where required?	x			
229.	192.739/743	Pressure Limiting and Regulating Devices (Mechanical/Capacities)	x			
230.	192.741	Telemetry, Recording Gauges	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. No vaults			x	
234.	480-93-140	Service regulators installed, operated and maintained per state/fed regs and manufacturers recommended practices?				
235.	480-93-178(2)	Plastic Pipe Storage facilities – Maximum Exposure to Ultraviolet Light (2yrs)				
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.				
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				
238.	480-93-178(6)	Are there Temporary above ground PE pipe installations currently? Yes No x				
239.	480-93-178(6)(a)	If yes, is facility monitored and protected from potential damage? No temporary installations			x	
240.	480-93-178(6)(b)	If installation exceeded 30 days, was commission staff notified prior to exceeding the deadline? Not observed			x	
241.	192.745	Valve Maintenance (Transmission) No transmission			x	
242.	192.747	Valve Maintenance (Distribution)	x			

Facility Sites Visited:

Facility Type	Facility ID Number	Location
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PIPELINE INSPECTION (Field)			S	U	N/A	N/C

<p>Comments:</p>

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

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

Attachment 1-NO COMPRESSOR STATIONS IN DISTRICT Distribution Operator Compressor Station Inspection

Unless otherwise noted, all code references are to 49CFR Part 192. S – Satisfactory U – Unsatisfactory N/A – Not Applicable N/C – Not Checked
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		COMPRESSOR STATION PROCEDURES		S	U	N/A	N/C
243.	.605(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 (1 per yr/15 months), 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 NFPA #30			X	
249.		.736	Compressor buildings in a compressor station must have fixed gas detection and alarm systems (must be performance tested), unless:			X	
250.			• 50% of the upright side areas are permanently open, or			X	
251.			• It is an unattended field compressor station of 1000 hp or less			X	

Comments:
No

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

Comments:

				COMPRESSOR STATIONS INSPECTION (Field)		S	U	N/A	N/C
				(Note: Facilities may be “Grandfathered”)					
255.	.163	(c)	Main operating floor must have (at least) two (2) separate and unobstructed exits					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 National Electric Code, ANSI/NFPA 70?					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-NO COMPRESSOR STATIONS IN DISTRICT 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 NEC Class 1, Group D 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 NFPA standard No. 30?			X	

Attachment 1-NO COMPRESSOR STATIONS IN DISTRICT

Distribution Operator Compressor Station Inspection

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 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: