

Utilities and Transportation Commission Standard Inspection Report for Master Meter Systems Records Review and Field Inspection

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

Inspection Report			
Docket Number	101575 ad 101576		
Inspector Name & Submit Date	Patricia Johnson/11/30/2010		
Sr. Eng Name & Review/Date	Joe Subsits/12/13/2010		
Operator Information			
Name of Operator:	Community Colleges of Spokane	OP ID #:	
Name of Unit(s):	SFCC and SCC		
Records Location:	SFCC		
Date(s) of Last (unit) Inspection:	Courtesy Inspection in 2005.	Inspection Date(s):	9/22/2010

Inspection Summary: This is a 60 year old system. CP was installed at both campuses in 2008. SFCC cp has never been adequate and SCC has shorted services.

HQ Address: 1810 N Green Spokane, WA 99217		System/Unit Name & Address: SFCC and SCC	
Co. Official: Dennis Dunham		Phone No.:	
Phone No.:		Fax No.:	
Fax No.:		Emergency Phone No.:	
Emergency Phone No.:			
Persons Interviewed	Title	Phone No.	
Jim Collins	Director of Physical Maintenance		
Dennis Dunham	District Director of Facilities		
Chad Glover	SCC Maintenance		
	SFCC Maintenance		
Gas Supplier Avista			
Year Installed (Range)	1958	Pipe Diameters (Range)	
Material Type	Steel, details unknown	Length of System	

INSPECTION FORM			S	U	N/A
1.	191.5	Any incidents requiring telephonic reporting to the National Response Center Committed to do		X	
2.	480-93-200(1)	Telephonic Reports to UTC Pipeline Safety Incident Notification (Within 2 hours) MAOP is 10 at CCS and SFCC is 5 2009 had an evacuation because Avista overpressure the system when checking the meter Committed to do		X	
3.	480-93-200(2)	Telephonic Reports to UTC Pipeline Safety Incident Notification (Within 24 hours) for; Committed to do		X	
4.	480-93-200(4)	30 day written incident report provided to the commission? WAC 480-93-200 (1) and (2). Committed to do		X	
5.	480-93-200(7)	A copy of every Pipeline and Hazardous Materials Safety Administration (PHMSA) annual report required by U.S. Department of Transportation, Office of Pipeline Safety. Committed to do		X	
6.	480-93-200(7)(b)	File a "Damage Prevention Statistics" Report Committed to do		X	
7.	480-93-200(7)(c)	File a construction defects and material failures report Committed to do		X	
8.	480-93-200(8)	Provide emergency contact information to appropriate agencies, Committed to do		X	
9.	480-93-013	Provide written Operator Qualification Plan for training, qualifying and certifying all employees and contractors Committed to do		X	
10.	192.739	Copy of Local Gas Company's Regulator Station annual inspection. Overpressure protection designed and installed where required? (192.195) will get copy of Avista reg station inspection and committed to do going forward		X	
11.	480-93-140	Service regulators installed, operated and maintained per manufacturers recommendation? There are side way vents at several building. Committed to document going forward.		X	
12.	192.355	Service regulator vents and relief vents must terminate outdoors, and the outdoor terminal must: (1) Be rain and insect resistant; (2) Be located at a place where gas from the vent can escape freely into the atmosphere and away from any opening into the building; and,(3) Be protected from damage caused by submergence in areas where flooding may occur. Committed to do in the future		X	
13.	192.616	Written Public Awareness procedure to provide its customers public awareness messages twice annually Exempt they control all property. SCC have "Emergency Management Plan" that is posted in multiply locations in every building.		X	
14.	CFR Part 199	Copy of written Drug and Alcohol Plan and testing for all contractors. Committed to do in the future		X	
15.	192.605(a)	Procedural Manual Review – Operations and Maintenance (1 per yr/15 months) Committed to do in the future		X	
16.	192.615	Written Emergency Plan College's Emergency Manage Plan for everyone on campass, it is reported to maint and they have 1st responder plan, fire dept have maps with all equip. This infro on computer and there are 12 computers, facilityes have 4 and fire dept. Fire Dept has own computer and provides soft ware. It even includes where materials are stored. Fire Dept does drills, SCC security handles drills. Gas Maint has had sceniros (tabletops) but not drill. A drill done annually. Every building has evacuation drill once a year (for new students)		X	

INSPECTION FORM			S	U	N/A
17.	192.617	Written procedures for analyzing accidents and failures, including the selection of samples of the failed facility or equipment for laboratory examination, where appropriate, for the purpose of determining the causes of the failure and minimizing the possibility of a recurrence. Committed to do		X	
18.	192.605(a)	Appropriate parts of manuals kept at locations where O&M activities are conducted For both campus all construction information kept at CCS. No manual at SFCC. Committed to put one over there They have Institute of extended learning in 6 counties, all are non master meters. SFCC and SCC are separately funded. They have one group of employees who charge time to both campuses.		X	
19.	480-93-018(3)	Records, including maps and drawings updated within 6 months of completion of construction activity? Updated records made available to appropriate operations personnel? committed to do There are mapping errors. CCS needs to find all as built drawings to create maps of facilities.		X	
20.	192.619	Maximum Allowable Operating Pressure (MAOP) and operating pressures Maintain the MAOP of the pipeline in accordance with CFR 192.619 (3) which states in part, the highest actual operating pressure to which the segment was subjected during the 5 years preceding the applicable date in the second column. The 2nd column date is July 1, 1970. a. This applies if the original historical records are not found.		X	
21.	192.625 (f)	Local Gas Companies sniff test nearest master meter facility. WAC 480-93-015 exempts Master meter systems monthly Odorant Sniff Testing. Committed to do. Will get copies from Avista		X	
22.	480-93-188	Conducted the gas leak surveys in accordance with 480-93-188 and 192.723 None since Ray Allen contract not renewed. Committed to buy own leak equipment and do annual surveys. During the field inspection a gas leak was found at bldg 5 at SFCC campus		X	
23.	480-93-188(2)	Gas detection instruments tested for accuracy/intervals (Mfct recommended or monthly not to exceed 45 days) Committed to do in future		X	
24.	192.747	Valve Maintenance – Distribution (1 per yr/15 months) .74 CCS has isolation valves and committed to do in future		X	
25.	192.455	Systems that do not have cathodic protection on their steel service must do testing to determine if a corrosive environment exists. If a corrosive environment exists, the Master Meter System must be cathodically protected in accordance with paragraph (a) (2) of this section. 192.465 (e). Have cp. Both campas cp is below -.850 SFCC looked at 4 bldgs –whole cp system down <ul style="list-style-type: none"> • Bldg 9, - 630 • Bldg 1, -.380 • Bldg 11, -.365 on both risers • Bldg 13, -.390 SCC looked at 4 bldgs-part of the system is down <ul style="list-style-type: none"> • Bldg 1, -.355 • Bldg 18, -.713 • Bldg 19, -.882 • Bldg 50, -.938 		X	
26.	192.465	Have annual cathodic protection surveys been conducted? If there is an anodic cathodic protection system is rectifier monitoring conducted 6 per yr/2½ months, .192465(b)? Is there a sufficient number of test stations. 192.469. Committed to do, last one done in 2008. Will need to get estimates for this.		X	
27.	192.491	Annual Pipe-to-soil monitoring (1 per yr/15 months) .465(a) Committed to do in future		X	

INSPECTION FORM			S	U	N/A
28.	192.453	CP carried out by qualified person: design, installation, operation, and maintenance This was Ray Allen, They will get bid for such a person. Committed to do		X	
29.	480-93-110(8)	CP test reading on all exposed facilities where coating has been removed Committed to do in future		X	
30.	480-93-110(3)	CP equipment/ instrumentation maintained, tested for accuracy and calibrated. Committed to do in future		X	
31.	192.481	Atmospheric Corrosion: monitoring Committed to do During the field inspection 4 bldgs at SCC were inspected, atmospheric corrosion was found at SCC at bldgs 19, 18 and 1. (3 of the 4 bldgs randomly inspected) AT SFCC 8 buildings were inspected following had atmospheric corrosion 5, 11, 13, 9		X	
32.	192.721	Patrols conducted as required\ Committed to do		X	
33.	192.1015	Was the Master Meter IMP program developed and implemented on or before August 2, 2011?		X	
34.	480-93-018	Maintain records sufficient to demonstrate compliance with all requirements of 49 CFR §§ 191, 192 and chapter 480-93 WAC: give the commission access to records for review during an inspection and must provide the commission copies of records upon request: update its records within six months of when it completes any construction activity and make such records available to appropriate company operations personnel.		X	
35.	480-93-250	Each gas pipeline company must comply with chapter 19.122 RCW, including: (1) Subscribe to the appropriate one-number locator service;		X	

Applicable Gas Pipeline Safety Advisory Bulletins: (Last 2 years)

<u>Number</u>	<u>Date</u>	<u>Subject</u>
ADB-07-02	February 29, 2008	Correction - Pipeline Safety: Updated Notification of the Susceptibility to Premature Brittle-Like Cracking of Older Plastic Pipe
ADB-08-02	March 4, 2008	Pipeline Safety - Issues Related to Mechanical Couplings Used in Natural Gas Distribution Systems
ADB-08-03	March 10, 2008	Pipeline Safety - Dangers of Abnormal Snow and Ice Build-Up on Gas Distribution Systems
ADB-09-02	Sept 30, 2009	Weldable Compression Coupling Installation
ADB-09-03	Dec 7, 2009	Operator Qualification Program Modifications

For more PHMSA Advisory Bulletins, go to <http://ops.dot.gov/regs/advise.htm>