

STANDARD INSPECTION REPORT OF A GAS OPERATOR FIELD AUDIT

FIELD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.
If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

Operator: KEYROCK Energy, LLC	Operator ID#: 32674
Inspection Date(s): 9/13/2012, 9/6/2012	Man Days: 2
Inspection Unit: [ALL UNITS]	
Location of Audit: Thompsonville	
Exit Meeting Contact: Mark Benefiel	
Inspection Type: Standard Inspection - Field Audit	
Pipeline Safety Representative(s): Charles Gribbins, Aaron McElravy	
Company Representative to Receive Report: Mark Benefiel	
Company Representative's Email Address: mbenefiel@keyrockenergy.com	

Headquarters Address Information:	106 Ferrel Avenue Suite 5 Kingsport, TN 37663 Emergency Phone#: (800) 982-9690 Fax#:	
Official or Mayor's Name:	Russell Cook Phone#: (423) 726-2070 Email: rcook@keyrockenergy.com	
Inspection Contact(s)	Title	Phone No.
Mark Benefiel	Facility Manager	

CUSTOMER METER & REGULATOR		Status
<i>Category Comment:</i> <i>This is a gathering and transmission operator they do not have any gas customers connected their system.</i>		
192.353(a)	Is the customer meter and regulator installed in a readily accessible location and protected from corrosion and other damage, including if installed outside a building, vehicular damage that may be anticipated?	Not Applicable
192.355(b)(1)	Is the customer regulator vent rain and insect resistant?	Not Applicable
192.355(b)(2)	Is the customer regulator vent located where gas from the vent escapes freely into the atmosphere and away from building openings?	Not Applicable
192.355(b)(3)	Is the vent protected from damage caused by submergence in areas of flooding?	Not Applicable
192.357(a)	Is the customer meter and regulator installed to minimize anticipated stresses	Not Applicable

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	upon connecting piping?	
192.357(d)	Is a customer regulator that might release gas vented to the outside atmosphere?	Not Applicable
192.359(a)	Is the meter operating pressure within the allowable limits of the meter case rating?	Not Applicable
192.365(a)	Is the service line valve upstream of the regulator or meter?	Not Applicable
192.365(c)	Is the underground service line valve located in a curb box or standpipe that allows for ready operation?	Not Applicable
192.727(d)	When service to the customer has been discontinued has the proper method been utilized to prevent unauthorized usage?	Not Applicable
CATHODIC PROTECTION		Status
<u>Category Comment:</u>		
<i>At the time of inspection staff did not conduct a cathodic protection survey of the system.</i>		
192.463(a)	Is the applicable cathodic protection criteria contained in Appendix D of this part being followed?	Not Checked
192.465(a)	Were pipe to soil readings taken?	Not Checked
192.465(b)	Were rectifier installations inspected?	Not Checked
192.465(a)	Were isolated mains/services tested?	Not Checked
192.465(c)	Were critical/non critical bonds tested?	Not Checked
192.467(a)	Is electrical isolation provided by use of insulated meter spud, valve, union, or flange?	Not Checked
192.467(c)	Were casings installations tested for electrical isolation?	Not Checked
192.479(a)	Is the above ground piping coated or painted as required?	Not Checked
192.479(c)	Is the pipeline free of corrosion or pitting?	Not Checked
DAMAGE PREVENTION		Status
192.614	Does the operator have a valid notification of planned excavation activities?	Not Checked
<u>General Comment:</u>		
<i>At the time of inspection the operator did not have any planed excavation activities.</i>		
ADM. CODE 265.40(a)	Did the operator complete the locating activities in the specified timeframe?	Not Checked
<u>General Comment:</u>		
<i>At the time of inspection the operator did not have any planed excavation activities.</i>		
192.614(c)(5)	Were temporary markings made in accordance with the operator's Operation and Maintenance Manual?	Not Checked

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<u>General Comment:</u>		
<i>At the time of inspection the operator did not have any planned excavation activities.</i>		
192.707(a)(1)	Are line markers placed and maintained as close as practical over each buried main and transmission line located at each crossing of a public road and railroad?	Satisfactory
<u>General Comment:</u>		
<i>Line markers were verified along the pipeline right of way at the following locations: Orient Blacktop & Yellow Banks Road Orient Blacktop & Bethel Road Orient Blacktop & Mutchek Lane Prairie Meadows Road Horseshoe Road Freen Spur Blacktop State Route 39</i>		
192.707(a)(2)	Are line markers placed and maintained as close as practical over each buried main and transmission line located wherever necessary to identify the location of the transmission line or main to reduce the possibility of damage or interference?	Satisfactory
<u>General Comment:</u>		
<i>The operator has placed line markers at various locations over the gathering lines and the transmission line.</i>		
192.707(c)	Are line markers placed and maintained as close as practical over each buried main and transmission line located above ground?	Satisfactory
<u>General Comment:</u>		
<i>The operator has placed line markers at various location over the gathering lines and the transmission line</i>		
192.707(d)(1)	Do the operator's line markers contain the following information: The following must be written legibly on a background of sharply contrasting color on each line marker: The word "Warning," "Caution," or "Danger" followed by the words "Gas (or name of gas transported) Pipeline" all of which, except for markers in heavily developed urban areas, must be in letters at least 1 inch (25 millimeters) high with ¼ inch (6.4 millimeters) stroke?	Satisfactory
<u>General Comment:</u>		
<i>The line markers contain the wording Danger or Warning as required and are of contrasting colors of yellow and black.</i>		
192.707(d)(2)	Do the operator's line markers contain the following information: The following must be written legibly on a background of sharply contrasting color on each line marker: The name and phone number (including area code) of the operator where the operator can be reached at all times?	Satisfactory
<u>General Comment:</u>		
<i>The line markers are of contrasting colors of yellow and black and have the required number of where the operator can be contacted 24 hours a day.</i>		
PRESSURE LIMITING AND REGULATING DEVICES (MECHANICAL)		Status

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192.739(a)(4)	Was each pressure limiting station, relief device (except rupture discs), and pressure regulating station and its equipment subjected at intervals not exceeding 15 months, but at least once each calendar year, to inspections and tests to determine that it is properly installed and protected from dirt, liquids, or other conditions that might prevent proper operation.?	Not Applicable
General Comment:		
<i>The operator does not maintain any pressure limiting stations on the gathering system.</i>		
192.317(b)	Is each above ground transmission line or main protected from accidental damage by vehicular traffic or other similar causes?	Not Applicable
General Comment:		
<i>The above ground transmission line is protected from damage by fencing and distance from vehicular traffic.</i>		
192.741(a), 192.741(c)	Were telemetering and/or recording gauges inspected for abnormally high or low pressure indications?	Not Applicable
General Comment:		
<i>The operator system is a single feed and does not require recording gauges.</i>		
192.743(a)	Is overpressure protection provided on the pipeline down stream of the take point?	Not Applicable
General Comment:		
<i>This is a transmission line feeding into a transmission line and does not have a take point.</i>		
192.199(d)	Did the pressure relief or pressure limiting devices inspected to determine if the support was made of noncombustible material?	Satisfactory
General Comment:		
<i>Staff determined that all the piping is of steel construction.</i>		
192.199(e)	Did the pressure relief or pressure limiting devices inspected to determine if the discharge stacks, vents, or outlet ports were designed to prevent accumulation of water, ice, or snow, and located where gas can be discharged into the atmosphere without undue hazard?	Not Applicable
General Comment:		
<i>There is a relief device at the injection point but this device is owned and maintained by the interstate transmission operator.</i>		
192.199(h)	Was each valve, designed to isolate the system under protection from its source of pressure, secured to prevent unauthorized operation of any stop valve that will make the pressure relief valve or pressure limiting device inoperative?	Not Applicable
General Comment:		
<i>There is a relief device at the injection point but this device is owned and maintained by the interstate transmission operator.</i>		
VALVE MAINTENANCE		Status
192.747(a)	Were the valves inspected accessible?	Satisfactory
General Comment:		

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<i>Staff inspected the valve on the transmission line at the outlet of the compressor station.</i>		
ODORIZATION OF GAS		Status
192.625(a)	Was the odor intensity level readily detectable at or below 1/5th LEL?	Not Applicable
<u>General Comment:</u>		
<i>This is a transmission line in a class one location and the operator is not required to odorize the natural gas.</i>		
192.625(e)	Was the Odorization equipment and tank levels inspected?	Not Applicable
<u>General Comment:</u>		
<i>This is a transmission line in a class one location and the operator is not required to odorize the natural gas.</i>		
192.625(f)	Was the operator's equipment calibrated as required?	Not Applicable
<u>General Comment:</u>		
<i>This is a transmission line in a class one location and the operator is not required to odorize the natural gas.</i>		
TRANSMISSION		Status
192.179(b)(1)	Are transmission valves protected from tampering or damage?	Satisfactory
<u>General Comment:</u>		
<i>Staff inspected the valve on the transmission line at the outlet of the compressor station.</i>		
192.745(a)	Were the valves inspected accessible?	Satisfactory
<u>General Comment:</u>		
<i>Staff inspected the valve on the transmission line at the outlet of the compressor station.</i>		
192.719(a)	Is pre-tested transmission pipe inventory maintained for use in an emergency?	Not Checked
<u>General Comment:</u>		
<i>The operator does not maintain any pre-tested pipe inventory for emergency use.</i>		
MARKING OF MATERIAL		Status
192.63(a)	Does the operator's components and pipe contain the required markings?	Not Checked
<u>General Comment:</u>		
<i>Staff did not inspect pipe inventory at the time of this inspection.</i>		
OPERATOR QUALIFICATION		Status
Was a PHMSA Form 15 Operator Qualification Field Inspection Protocol Form completed?		No
<u>General Comment:</u>		
<i>Staff did not conduct a field inspection of Operator Qualifications.</i>		

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