

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: AMEREN ILLINOIS COMPANY	Operator ID#: 32513
Inspection Date(s): 10/29/2014 (Half), 10/30/2014	Man Days: 1.5
Inspection Unit: Quincy/Pittsfield	
Location of Audit: Quincy	
Exit Meeting Contact: Chris Juliusson	
Inspection Type: Standard Inspection - Field Audit	
Pipeline Safety Representative(s): Kevin Hecker	
Company Representative to Receive Report: Michael Fuller	
Company Representative's Email Address: mfuller2@ameren.com	

Headquarters Address Information:	300 Liberty Peoria, IL 61602 Emergency Phone#: (800) 755-5000 Fax#:	
Official or Mayor's Name:	Ron Pate Phone#: (217) 424-6518 Email:	
Inspection Contact(s)	Title	Phone No.
Chris Juliusson	Quality Assurance Consultant	

CUSTOMER METER & REGULATOR		Status
[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?	Satisfactory
[192.355(b)(1)]	Is the customer regulator vent rain and insect resistant?	Satisfactory
[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?	Satisfactory
[192.355(b)(3)]	Is the vent protected from damage caused by submergence in areas of flooding?	Not Applicable
General Comment: <i>No meter sets observed were in areas prone to flooding.</i>		
[192.357(a)]	Is the customer meter and regulator installed to minimize anticipated stresses upon connecting piping?	Satisfactory

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[192.357(d)]	Is a customer regulator that might release gas vented to the outside atmosphere?	Satisfactory
[192.359(a)]	Is the meter operating pressure within the allowable limits of the meter case rating?	Not Checked
General Comment:		
<i>Meter case ratings were not inspected as part of this audit.</i>		
[192.365(a)]	Is the service line valve upstream of the regulator or meter?	Satisfactory
[192.365(c)]	Is the underground service line valve located in a curb box or standpipe that allows for ready operation?	Not Checked
General Comment:		
<i>No underground service line valves were observed during this audit.</i>		
[192.727(d)][192.727(d)]	When service to the customer has been discontinued has the proper method been utilized to prevent unauthorized usage?	Satisfactory
CATHODIC PROTECTION		Status
[192.463(a)]	Is the applicable cathodic protection criteria contained in Appendix D of this part being followed?	Satisfactory
[192.465(a)]	Were pipe to soil readings taken?	Satisfactory
General Comment:		
<i>During the record audit, the below addresses were showing relatively low CP readings. Staff checked these as part of the field audit to verify the low areas were corrected/readings were improved.</i>		
1022 Cedar: -1.43 401 Cherry: -1.077 1218 S. 8th: -.93 1838 Hilltop: -1.04 2028 Hilltop: -.94 1219 S. Charles Drive East: -1.05 817 Klondike Road: -1.11		
[192.465(b)]	Were rectifier installations inspected?	Not Checked
General Comment:		
<i>Rectifier installations were not inspected as part of this field audit.</i>		
[192.465(a)]	Were isolated mains/services tested?	Not Checked
General Comment:		
<i>Isolated mains/sections were not inspected as part of this audit.</i>		
[192.465(c)]	Were critical/non critical bonds tested?	Not Checked
General Comment:		
<i>Critical bonds were not checked as part of this audit.</i>		
[192.467(a)]	Is electrical isolation provided by use of insulated meter spud, valve, union, or	Satisfactory

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	flange?	
[192.467(c)]	Were casings installations tested for electrical isolation?	Not Checked
General Comment:		
<i>Casings were not tested for electrical isolation as part of this field audit.</i>		
[192.479(a)]	Is the above ground piping coated or painted as required?	Satisfactory
[192.479(c)]	Is the pipeline free of corrosion or pitting?	Satisfactory
DAMAGE PREVENTION		Status
[192.614]	Does the operator have a valid notification of planned excavation activities?	Not Checked
General Comment:		
<i>No activities requiring excavation/locating were observed as part of this audit.</i>		
[265.40(a)]	Did the operator complete the locating activities in the specified timeframe?	Not Checked
General Comment:		
<i>No activities requiring excavation/locating were observed as part of this audit.</i>		
[192.614(c)(5)]	Were temporary markings made in accordance with the operator's Operation and Maintenance Manual?	Not Checked
General Comment:		
<i>No activities requiring excavation/locating were observed as part of this audit.</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
[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
[192.707(c)]	Are line markers placed and maintained as close as practical over each main and transmission line located above ground?	Satisfactory
[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
[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	Satisfactory

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	where the operator can be reached at all times?	
PRESSURE LIMITING AND REGULATING DEVICES (MECHANICAL)		Status
[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.?	Satisfactory
[192.317(b)]	Is each above ground transmission line or main protected from accidental damage by vehicular traffic or other similar causes?	Satisfactory
[192.741(a), 192.741(c)]	Were telemetering and/or recording gauges inspected for abnormally high or low pressure indications?	Not Checked
<u>General Comment:</u>		
<i>Telemetering and recording gauges were not inspected as part of this audit.</i>		
[192.743(a)]	Is overpressure protection provided on the pipeline downstream of the take point?	Not Checked
<u>General Comment:</u>		
<i>Currently, not all pipelines downstream from the take points within the Ameren Quincy territory are protected from over pressurization. A check of these devices will be conducted during a future audit once installation is completed.</i>		
[192.199(d)]	Were the pressure relief or pressure limiting devices inspected to determine if the support was made of noncombustible material?	Not Checked
<u>General Comment:</u>		
<i>Regulator stations inspections were not conducted as part of this audit.</i>		
[192.199(e)]	Were 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 Checked
<u>General Comment:</u>		
<i>Regulator stations inspections were not conducted as part of this audit.</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 Checked
<u>General Comment:</u>		
<i>Regulator stations inspections were not conducted as part of this audit.</i>		
VALVE MAINTENANCE		Status
[192.747(a)]	Were the valves readily accessible and was the operator able to access the valve with the appropriate valve wrench?	Satisfactory
[192.179(c)]	If blow down activities were observed, were the blow down valves properly sized to allow the transmission pipeline to vent as rapidly as practicable and did the	Not Checked

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	blow down vent freely to atmosphere away from any hazards?	
General Comment:		
<i>No blow down activities were observed during this audit.</i>		
ODORIZATION OF GAS		Status
Category Comment:		
<i>An odorant test or inspection of equipment was not included in this audit. Most gas is received odorized by Nicor. There is an odorizer at the south take point in Quincy. Pittsfield has an odorizer at the Milton take point. Nebo has a bypass odorizer as well.</i>		
[192.625(a)]	Was the odor intensity level readily detectable at or below 1/5th LEL?	Not Checked
[192.625(e)]	Was the Odorization equipment and tank levels inspected?	Not Checked
[192.625(f)]	Was the operator's equipment calibrated as required?	Not Checked
TRANSMISSION		Status
[192.179(b)(1)]	Are transmission valves protected from tampering or damage?	Satisfactory
[192.745(a)]	Were the valves inspected accessible?	Satisfactory
[192.719(a)]	Is pre-tested transmission pipe inventory maintained for use in an emergency?	Not Checked
General Comment:		
<i>Staff did not inspect surplus pipe as part of this audit.</i>		
MARKING OF MATERIAL		Status
[192.63(a)]	Does the operator's components and pipe contain the required markings?	Not Checked
General Comment:		
<i>Surplus pipe and components were not inspected as part of this audit.</i>		
OPERATOR QUALIFICATION		Status
Was a PHMSA Form 15 Operator Qualification Field Inspection Protocol Form completed?		No

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