

# 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.

<b>Operator: AMEREN ILLINOIS COMPANY</b>	Operator ID#: 32513
<b>Inspection Date(s): 10/15/2014 (Half), 10/16/2014</b>	Man Days: 1.5
<b>Inspection Unit: Canton</b>	
<b>Location of Audit: Canton</b>	
<b>Exit Meeting Contact:</b>	
<b>Inspection Type: Standard Inspection - Field Audit</b>	
<b>Pipeline Safety Representative(s): Kevin Hecker</b>	
<b>Company Representative to Receive Report: Michael Fuller</b>	
<b>Company Representative's Email Address: mfuller2@ameren.com</b>	

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

CUSTOMER METER & REGULATOR		Status
<b><u>Category Comment:</u></b>		
<i>The meter set observed was located at 10328 Highway 95, Canton, IL.</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?	<b>Satisfactory</b>
[192.355(b)(1)]	Is the customer regulator vent rain and insect resistant?	<b>Satisfactory</b>
[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?	<b>Satisfactory</b>
[192.355(b)(3)]	Is the vent protected from damage caused by submergence in areas of flooding?	<b>Not Applicable</b>
<b><u>General Comment:</u></b>		
<i>No customer meter sets observed were in areas prone to flooding.</i>		

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[192.357(a)]	Is the customer meter and regulator installed to minimize anticipated stresses upon connecting piping?	<b>Satisfactory</b>
[192.357(d)]	Is a customer regulator that might release gas vented to the outside atmosphere?	<b>Satisfactory</b>
[192.359(a)]	Is the meter operating pressure within the allowable limits of the meter case rating?	<b>Satisfactory</b>
[192.365(a)]	Is the service line valve upstream of the regulator or meter?	<b>Satisfactory</b>
[192.365(c)]	Is the underground service line valve located in a curb box or standpipe that allows for ready operation?	<b>Not Checked</b>
<b><u>General Comment:</u></b>		
<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?	<b>Not Checked</b>
<b><u>General Comment:</u></b>		
<i>No meter sets observed had service interrupted.</i>		
<b>CATHODIC PROTECTION</b>		<b>Status</b>
[192.463(a)]	Is the applicable cathodic protection criteria contained in Appendix D of this part being followed?	<b>Not Checked</b>
<b><u>General Comment:</u></b>		
<i>No pipe to soil readings were taken during this audit.</i>		
[192.465(a)]	Were pipe to soil readings taken?	<b>Not Checked</b>
<b><u>General Comment:</u></b>		
<i>No pipe to soil readings were taken during this audit.</i>		
[192.465(b)]	Were rectifier installations inspected?	<b>Not Checked</b>
<b><u>General Comment:</u></b>		
<i>No rectifiers were inspected as part of this audit.</i>		
[192.465(a)]	Were isolated mains/services tested?	<b>Not Checked</b>
<b><u>General Comment:</u></b>		
<i>No isolated mains or services were tested as part of this audit.</i>		
[192.465(c)]	Were critical/non critical bonds tested?	<b>Not Checked</b>
<b><u>General Comment:</u></b>		
<i>No bonds were tested as part of this audit.</i>		
[192.467(a)]	Is electrical isolation provided by use of insulated meter spud, valve, union, or flange?	<b>Not Checked</b>

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<b><u>General Comment:</u></b>		
<i>Meter sets were not inspected for electrical isolation as part of this audit.</i>		
[192.467(c)]	Were casings installations tested for electrical isolation?	<b>Not Checked</b>
<b><u>General Comment:</u></b>		
<i>No casings were inspected as part of this audit.</i>		
[192.479(a)]	Is the above ground piping coated or painted as required?	<b>Satisfactory</b>
[192.479(c)]	Is the pipeline free of corrosion or pitting?	<b>Satisfactory</b>
<b>DAMAGE PREVENTION</b>		<b>Status</b>
[192.614]	Does the operator have a valid notification of planned excavation activities?	<b>Not Checked</b>
<b><u>General Comment:</u></b>		
<i>No activities requiring excavation or locating were observed during this audit.</i>		
[265.40(a)]	Did the operator complete the locating activities in the specified timeframe?	<b>Not Checked</b>
<b><u>General Comment:</u></b>		
<i>No activities requiring excavation or locating were observed during this audit.</i>		
[192.614(c)(5)]	Were temporary markings made in accordance with the operator's Operation and Maintenance Manual?	<b>Not Checked</b>
<b><u>General Comment:</u></b>		
<i>No activities requiring excavation or locating were observed during 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?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Staff observed several line markers along Highway 95 between Canton and Cuba.</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?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Staff observed several line markers along Highway 95 between Canton and Cuba.</i>		
[192.707(c)]	Are line markers placed and maintained as close as practical over each main and transmission line located above ground?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		

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*Staff observed several line markers identifying farm taps along Highway 95 between Canton and Cuba.*

[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?	<b>Satisfactory</b>
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**General Comment:**

*Staff observed several line markers along Highway 95 between Canton and Cuba. All markers observed contained the correct information in the correct format.*

[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?	<b>Satisfactory</b>
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**General Comment:**

*Staff observed several line markers along Highway 95 between Canton and Cuba. All markers observed contained the correct information in the correct format.*

### PRESSURE LIMITING AND REGULATING DEVICES (MECHANICAL)

**Status**

**Category Comment:**

*This field audit focused on observing Ameren personnel perform primary inspections on 2 regulator stations. These stations were located at the intersection of N. Shaw Creek Road and Pony Road (#230054), and at the intersection of Pony Road and N. Pheasant Road (#230053) in the Marietta/Seville area. Ameren's crew consisted of Don Bickhaus and Scott Ellis.*

[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.?	<b>Satisfactory</b>
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[192.317(b)]	Is each above ground transmission line or main protected from accidental damage by vehicular traffic or other similar causes?	<b>Satisfactory</b>
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**General Comment:**

*Both regulator stations and all farm taps observed were protected with steel barriers.*

[192.741(a),192.741(c)]	Were telemetering and/or recording gauges inspected for abnormally high or low pressure indications?	<b>Not Checked</b>
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**General Comment:**

*No telemetering or recording gauges were inspected as part of this audit.*

[192.743(a)]	Is overpressure protection provided on the pipeline down stream of the take point?	<b>Not Checked</b>
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**General Comment:**

*Over pressure protection equipment downstream of the take point was not inspected during this audit.*

[192.199(d)]	Were the pressure relief or pressure limiting devices inspected to determine if the support was made of noncombustible material?	<b>Satisfactory</b>
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<b><u>General Comment:</u></b>		
<i>All pressure relief devices were supported with non-combustible material.</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?	<b>Satisfactory</b>
[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?	<b>Satisfactory</b>
<b>VALVE MAINTENANCE</b>		<b>Status</b>
[192.747(a)]	Were the valves readily accessible and was the operator able to access the valve with the appropriate valve wrench?	<b>Not Checked</b>
<b><u>General Comment:</u></b>		
<i>No emergency valves were inspected as part of this audit.</i>		
[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 blow down vent freely to atmosphere away from any hazards?	<b>Not Applicable</b>
<b><u>General Comment:</u></b>		
<i>No blow down activities were observed during this audit.</i>		
<b>ODORIZATION OF GAS</b>		<b>Status</b>
<b><u>Category Comment:</u></b>		
<i>No odorant tests were performed nor was any odorization equipment inspected as part of this audit.</i>		
[192.625(a)]	Was the odor intensity level readily detectable at or below 1/5th LEL?	<b>Not Checked</b>
[192.625(e)]	Was the Odorization equipment and tank levels inspected?	<b>Not Checked</b>
[192.625(f)]	Was the operator's equipment calibrated as required?	<b>Not Checked</b>
<b>TRANSMISSION</b>		<b>Status</b>
<b><u>Category Comment:</u></b>		
<i>Ameren Canton does not have any transmission pipeline within its operating territory.</i>		
[192.179(b)(1)]	Are transmission valves protected from tampering or damage?	<b>Not Applicable</b>
[192.745(a)]	Were the valves inspected accessible?	<b>Not Applicable</b>
[192.719(a)]	Is pre-tested transmission pipe inventory maintained for use in an emergency?	<b>Not Applicable</b>
<b>MARKING OF MATERIAL</b>		<b>Status</b>
[192.63(a)]	Does the operator's components and pipe contain the required markings?	<b>Not Checked</b>
<b><u>General Comment:</u></b>		

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*Staff did not inspect surplus pipe or components during this audit.*

<b>OPERATOR QUALIFICATION</b>	<b>Status</b>
Was a PHMSA Form 15 Operator Qualification Field Inspection Protocol Form completed?	<b>No</b>

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