

# 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): 7/15/2014, 7/16/2014 (Half)</b>	Man Days: 1.5
<b>Inspection Unit: Sparta</b>	
<b>Location of Audit: Sparta</b>	
<b>Exit Meeting Contact: Dallas Jett</b>	
<b>Inspection Type: Standard Inspection - Field Audit</b>	
<b>Pipeline Safety Representative(s): Valerie Schwing</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>
Dallas Jett	Sr. Quality Assurance Consultant	

CUSTOMER METER & REGULATOR		Status
<b><u>Category Comment:</u></b>		
<i>Staff witnessed a meter set replacement at 801 N. Townshed, Steeleville IL. The vent was properly installed and located. The service line valve was located upstream of the regulator. The double meter set was properly located and installed.</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>Satisfactory</b>
[192.357(a)]	Is the customer meter and regulator installed to minimize anticipated stresses upon connecting piping?	<b>Satisfactory</b>

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[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>Satisfactory</b>
[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>Satisfactory</b>
<b>General Comment:</b>		
<i>The meter set at 913 N. Main, Marissa, was locked off and the meter set was removed.</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>Satisfactory</b>
<b>General Comment:</b>		
<i>Staff witnessed Ameren employee take a CP reading of the steel main at 913 Main St. in Marissa IL of -1.41 V. Staff witnessed Ameren employee take a CP reading of the steel main at 205 South 7th St. of -1.24 V.</i>		
[192.465(a)]	Were pipe to soil readings taken?	<b>Satisfactory</b>
[192.465(b)]	Were rectifier installations inspected?	<b>Not Checked</b>
<b>General Comment:</b>		
<i>During this field audit staff only witnessed the retirement of services at 913 North Main St., Marissa and 205 South 7th St. Staff also witnessed a riser being raised and double meter set rebuild at 801 N. Townshed.</i>		
[192.465(a)]	Were isolated mains/services tested?	<b>Satisfactory</b>
[192.465(c)]	Were critical/non critical bonds tested?	<b>Satisfactory</b>
[192.467(a)]	Is electrical isolation provided by use of insulated meter spud, valve, union, or flange?	<b>Not Checked</b>
<b>General Comment:</b>		
<i>During this field audit staff only witnessed the retirement of services at 913 North Main St., Marissa and 205 South 7th St. Staff also witnessed a riser being raised and double meter set rebuild at 801 N. Townshed.</i>		
[192.467(c)]	Were casings installations tested for electrical isolation?	<b>Not Checked</b>
<b>General Comment:</b>		
<i>During this field audit staff only witnessed the retirement of services at 913 North Main St., Marissa and 205 South 7th St. Staff also witnessed a riser being raised and double meter set rebuild at 801 N. Townshed.</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>

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<b>DAMAGE PREVENTION</b>		<b>Status</b>
<b><u>Category Comment:</u></b>		
<i>Staff looked at dig ticket numbers X191136, X1911368 and X1911509. All utilities were marked and there was not any excavation damage.</i>		
[192.614]	Does the operator have a valid notification of planned excavation activities?	<b>Satisfactory</b>
[265.40(a)]	Did the operator complete the locating activities in the specified timeframe?	<b>Satisfactory</b>
[192.614(c)(5)]	Were temporary markings made in accordance with the operator's Operation and Maintenance Manual?	<b>Satisfactory</b>
[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>
[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>
[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>
[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>
[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>
<b>PRESSURE LIMITING AND REGULATING DEVICES (MECHANICAL)</b>		<b>Status</b>
<b><u>Category Comment:</u></b>		
<i>During this field audit staff only witnessed the retirement of services at 913 North Main St., Marissa and 205 South 7th St. Staff also witnessed a riser being raised and double meter set rebuilt at 801 N. Townshed. Staff did not examine any regulator stations.</i>		
[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>Not Checked</b>
[192.317(b)]	Is each above ground transmission line or main protected from accidental damage by vehicular traffic or other similar causes?	<b>Not Checked</b>
[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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[192.743(a)]	Is overpressure protection provided on the pipeline down stream of the take point?	<b>Not Checked</b>
[192.199(d)]	Were the pressure relief or pressure limiting devices inspected to determine if the support was made of noncombustible material?	<b>Not Checked</b>
[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>Not Checked</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>Not Checked</b>
<b>VALVE MAINTENANCE</b>		<b>Status</b>
<b>Category Comment:</b>		
<i>During this field audit staff only witnessed the retirement of services at 913 North Main St., Marissa and 205 South 7th St. Staff also witnessed a riser being raised and double meter set rebuild at 801 N. Townshed. Staff did not examine any valves.</i>		
[192.747(a)]	Were the valves inspected accessible?	<b>Not Checked</b>
<b>ODORIZATION OF GAS</b>		<b>Status</b>
<b>Category Comment:</b>		
<i>During this field audit staff only witnessed the retirement of services at 913 North Main St., Marissa and 205 South 7th St. Staff also witnessed a riser being raised and double meter set rebuild at 801 N. Townshed. Staff did not inspect the odorization of gas.</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>Category Comment:</b>		
<i>During this field audit staff only witnessed the retirement of services at 913 North Main St., Marissa and 205 South 7th St. Staff also witnessed a riser being raised and double meter set rebuild at 801 N. Townshed. Staff did not examine any transmission pipelines.</i>		
[192.179(b)(1)]	Are transmission valves protected from tampering or damage?	<b>Not Checked</b>
[192.745(a)]	Were the valves inspected accessible?	<b>Not Checked</b>
[192.719(a)]	Is pre-tested transmission pipe inventory maintained for use in an emergency?	<b>Not Checked</b>
<b>MARKING OF MATERIAL</b>		<b>Status</b>
[192.63(a)]	Does the operator's components and pipe contain the required markings?	<b>Satisfactory</b>
<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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