

# STANDARD INSPECTION REPORT OF A GAS OPERATOR FIELD AUDIT

## FIELD AUDIT

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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): 7/7/2015, 7/8/2015</b>	Man Days: 2
<b>Inspection Unit: Decatur</b>	
<b>Location of Audit: Decatur</b>	
<b>Exit Meeting Contact: Kevin Gaspy</b>	
<b>Inspection Type: Standard Inspection - Field Audit</b>	
<b>Pipeline Safety Representative(s): Donald Hankins</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>
Kevin Gaspy	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?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Staff inspected meter sets at the locations listed below.</i> 12 Ridge Drive 17 Ridge Drive 21 Ridge Drive 26 Ridge Drive 90 Bay Shore Drive 104 Point Bluff Drive 111 Point Bluff Drive 120 Point Bluff Drive 506 Woodhill Drive 514 Woodhill Drive 74 Ridge Dale Drive		

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58 Ridge Dale Drive  
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<b>[192.355(b)(1)]</b>	Is the customer regulator vent rain and insect resistant?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>All meter sets had the vent screen in them.</i>		
<b>[192.355(b)(2)]</b>	Is the customer regulator vent located where gas from the vent escapes freely into the atmosphere and away from building openings?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Regulators are vented as to where gas can escape into the atmosphere.</i>		
<b>[192.355(b)(3)]</b>	Is the vent protected from damage caused by submergence in areas of flooding?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Meters were not in a flood plain area.</i>		
<b>[192.357(a)]</b>	Is the customer meter and regulator installed to minimize anticipated stresses upon connecting piping?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Meters that were inspected were installed with minimized stress on the piping.</i>		
<b>[192.357(d)]</b>	Is a customer regulator that might release gas vented to the outside atmosphere?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Meters that were inspected were all outside, so they can vent to the atmosphere.</i>		
<b>[192.359(a)]</b>	Is the meter operating pressure within the allowable limits of the meter case rating?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>The operating pressure is in the allowable limits, the meter is rated to 5 pounds.</i>		
<b>[192.365(a)]</b>	Is the service line valve upstream of the regulator or meter?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>The shutoff valve is located before the regulator and meter.</i>		
<b>[192.365(c)]</b>	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>The service lines that were inspected did not have a curb box or standpipe on the service line.</i>		
<b>[192.727(d)][192.727(d)]</b>	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>		

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*Staff did not inspect any service lines that were discontinued during this audit.*

CATHODIC PROTECTION		Status
<b><u>Category Comment:</u></b>		
<i>Cathodic protection readings were not taken during this audit.</i>		
[192.463(a)]	Is the applicable cathodic protection criteria contained in Appendix D of this part being followed?	<b>Not Checked</b>
[192.465(a)]	Were pipe to soil readings taken?	<b>Not Checked</b>
[192.465(b)]	Were rectifier installations inspected?	<b>Not Checked</b>
[192.465(a)]	Were isolated mains/services tested?	<b>Not Checked</b>
[192.465(c)]	Were critical/non critical bonds tested?	<b>Not Checked</b>
[192.467(a)]	Is electrical isolation provided by use of insulated meter spud, valve, union, or flange?	<b>Not Checked</b>
[192.467(c)]	Were casings installations tested for electrical isolation?	<b>Not Checked</b>
[192.479(a)]	Is the above ground piping coated or painted as required?	<b>Not Checked</b>
[192.479(c)]	Is the pipeline free of corrosion or pitting?	<b>Not Checked</b>
DAMAGE PREVENTION		Status
[192.614]	Does the operator have a valid notification of planned excavation activities?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Staff inspected three excavation jobs that had already been worked. The Julie notification numbers were A1620292, at 26 Ridge Street in Decatur, Illinois, A1620285 at 21, Ridge Street in Decatur, Illinois, and A1620281 at 12, Ridge Street in Decatur, Illinois.</i>		
[265.40(a)]	Did the operator complete the locating activities in the specified timeframe?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>The three locates were called into Julie on 6/10/15 and were located on 6/11/15.</i>		
[192.614(c)(5)]	Were temporary markings made in accordance with the operator's Operation and Maintenance Manual?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Service lines and mains were marked with yellow flags and yellow paint on the ground.</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>Line markers were inspected at each regulator station. The line markers were placed at each end of the station.</i>		

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[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>General Comment:</b>		
<i>Line markers were inspected at each regulator station. The line markers were placed at each end of the station.</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>General Comment:</b>		
<i>Line markers were inspected at each regulator station</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?	<b>Satisfactory</b>
<b>General Comment:</b>		
<i>The line markers had the proper wording on each marker.</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?	<b>Satisfactory</b>
<b>General Comment:</b>		
<i>The line markers had the proper wording on each marker, with the emergency telephone number being 1-800-755-5000.</i>		
<b>PRESSURE LIMITING AND REGULATING DEVICES (MECHANICAL)</b>		<b>Status</b>
[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>
<b>General Comment:</b>		
<i>Regulator station inspection records were reviewed during this audit. No deficiencies were found at the time of the audit, with the following station being inspected during this audit.</i>		
<i>Station ID Number 35-168, dual run, Fisher 627LB Regulators, outlet MAOP 60#.</i>		
<i>Station ID Number 35-075, dual run, Fisher 627LB Regulator, outlet MAOP 60#</i>		
<i>Station ID Number 35-813, dual run, Mooney SP-75 Regulator, outlet MAOP 60#</i>		
<i>Station ID Number 35-038, dual run, Fisher 627LB Regulator, outlet MAOP 60#</i>		
<i>Station ID Number 35-135, dual run, Fisher 627LB regulator, outlet MAOP 60#.</i>		
<i>Station ID Number 35-019, dual run, Equimeter 461-57S, outlet MAOP 60#</i>		
[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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<b><u>General Comment:</u></b>		
<i>The above ground mains are protected by a fence or a building.</i>		
[192.741(a),192.741(c)]	Were telemetering and/or recording gauges inspected for abnormally high or low pressure indications?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Gauges were inspected during this audit at the regulator stations.</i>		
[192.743(a)]	Is overpressure protection provided on the pipeline downstream of the take point?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Overpressure protection is being provided at the take points.</i>		
[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>
<b><u>General Comment:</u></b>		
<i>Supports are being provided in each building that houses the regulators.</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>
<b><u>General Comment:</u></b>		
<i>Discharge stacks and ports are protected from the weather.</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?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Each valve had a locking mechanism to prevent unauthorized operation.</i>		
<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>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Valves were inspected at each regulator station that are listed below. Station Number 35-168 Fire Valve Station Number 35-075 Fire Valve and Inlet Valve Station Number 35-813 Fire Valve and Inlet Valve Station Number 35-038 Emergency Valve Station Number 35-135 Emergency Valve Station Number 35-019 Emergency Valve</i>		
<b>ODORIZATION OF GAS</b>		<b>Status</b>
[192.625(a)]	Was the odor intensity level readily detectable at or below 1/5th LEL?	<b>Satisfactory</b>

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<b><u>General Comment:</u></b>		
<i>An odor intensity level was taken at Ameren Operating center in Decatur. .15% Threshold .25% Ready detectable</i>		
[192.625(e)]	Was the Odorization equipment and tank levels inspected?	<b>Not Checked</b>
<b><u>General Comment:</u></b>		
<i>Tank levels were not inspected during this audit.</i>		
[192.625(f)]	Was the operator's equipment calibrated as required?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>The odorator was a GE 0546, calibrated on 8-24-14 to 8-24-15</i>		
<b>TRANSMISSION</b>		<b>Status</b>
<b><u>Category Comment:</u></b>		
<i>Transmission lines were not inspected during this audit.</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>
[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 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><u>General Comment:</u></b>		
<i>Pipe and fittings had the required markings placed on them.</i>		
<b>OPERATOR QUALIFICATION</b>		<b>Status</b>
Was a PHMSA Form 15 Operator Qualification Field Inspection Protocol Form completed?		<b>No</b>
<b><u>General Comment:</u></b>		
<i>A PHMSA form 15 was not completed during this audit.</i>		

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