

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.

Operator: AMEREN ILLINOIS COMPANY	Operator ID#: 32513
Inspection Date(s): 5/29/2014	Man Days: 1
Inspection Unit: Peoria Persimmon St.	
Location of Audit: Peoria	
Exit Meeting Contact:	
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#: Fax#:	
Official or Mayor's Name:	Ron Pate Phone#: (217) 424-6518 Email:	
Inspection Contact(s)	Title	Phone No.

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
<u>General Comment:</u> <i>Staff inspected several customer meter sets while conducting a leak survey. These meter sets were located on the side of the buildings being served, away from vehicular traffic.</i>		
[192.355(b)(1)]	Is the customer regulator vent rain and insect resistant?	Satisfactory
<u>General Comment:</u> <i>All customer regulator vents were protected from rain and insects.</i>		
[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

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<u>General Comment:</u>		
<i>Staff discussed the position of a newly installed furnace intake/exhaust at 5835 Graceland. The operator's QA representative called in the issue and it was agreed that the meter should be relocated away from the building openings.</i>		
[192.355(b)(3)]	Is the vent protected from damage caused by submergence in areas of flooding?	Satisfactory
<u>General Comment:</u>		
<i>No metersets observed were in an area prone to flooding.</i>		
[192.357(a)]	Is the customer meter and regulator installed to minimize anticipated stresses upon connecting piping?	Satisfactory
<u>General Comment:</u>		
<i>All metersets observed were well anchored and straight.</i>		
[192.357(d)]	Is a customer regulator that might release gas vented to the outside atmosphere?	Satisfactory
<u>General Comment:</u>		
<i>All customer metersets vented to the outside atmosphere.</i>		
[192.359(a)]	Is the meter operating pressure within the allowable limits of the meter case rating?	Satisfactory
[192.365(a)]	Is the service line valve upstream of the regulator or meter?	Satisfactory
<u>General Comment:</u>		
<i>All customer meter sets observed had service line valves upstream of the meter set.</i>		
[192.365(c)]	Is the underground service line valve located in a curb box or standpipe that allows for ready operation?	Not Applicable
<u>General Comment:</u>		
<i>No underground service 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
<u>General Comment:</u>		
<i>A meter set at 5705 Graceland Dr. was observed with a pin lock to secure the service valve in the off position.</i>		
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?	Not Checked
<u>General Comment:</u>		
<i>Pipe-to-soil readings were not taken as part of this audit.</i>		
[192.465(b)]	Were rectifier installations inspected?	Not Checked

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<u>General Comment:</u>		
<i>A rectifier inspection was not conducted as part of this audit.</i>		
[192.465(a)]	Were isolated mains/services tested?	Not Checked
<u>General Comment:</u>		
<i>Isolated mains and services were not tested as part of this audit.</i>		
[192.465(c)]	Were critical/non critical bonds tested?	Not Checked
<u>General Comment:</u>		
<i>Bonds were not tested as part of this audit.</i>		
[192.467(a)]	Is electrical isolation provided by use of insulated meter spud, valve, union, or flange?	Satisfactory
<u>General Comment:</u>		
<i>All residential meter sets observed were insulated from the service line.</i>		
[192.467(c)]	Were casings installations tested for electrical isolation?	Not Checked
<u>General Comment:</u>		
<i>No casings were tested for isolation as part of this audit.</i>		
[192.479(a)]	Is the above ground piping coated or painted as required?	Satisfactory
<u>General Comment:</u>		
<i>Some minor atmospheric corrosion at the soil to air interface was identified during the leak survey at the following addresses:</i>		
<i>5926 Graceland Drive 5916 Graceland Drive 5720 Graceland Drive 5620 Graceland Drive 5927 Graceland Drive</i>		
[192.479(c)]	Is the pipeline free of corrosion or pitting?	Satisfactory
<u>General Comment:</u>		
<i>Any corrosion noted during the leak survey was relatively minor. No pitting was identified.</i>		
DAMAGE PREVENTION		Status
[192.614]	Does the operator have a valid notification of planned excavation activities?	Not Applicable
<u>General Comment:</u>		
<i>No excavations were observed during this audit.</i>		
[265.40(a)]	Did the operator complete the locating activities in the specified timeframe?	Not Applicable
<u>General Comment:</u>		

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<i>No excavations were observed during this audit.</i>		
[192.614(c)(5)]	Were temporary markings made in accordance with the operator's Operation and Maintenance Manual?	Not Applicable
<u>General Comment:</u>		
<i>No excavations 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?	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
<u>General Comment:</u>		
<i>All line markers contained the required information in the correct format.</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>All line markers contained the required information in the correct format.</i>		
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
<u>General Comment:</u>		
<i>Regulator station records were reviewed with no deficiencies identified during this audit.</i>		
[192.317(b)]	Is each above ground transmission line or main protected from accidental damage by vehicular traffic or other similar causes?	Satisfactory

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General Comment:		
<i>The regulator station observed was near a power pole and did have one barricade pole to protect from vehicular damage. The location was very rural with little traffic, but the recommendation was made to add another barricade to the west side of the regulator station.</i>		
[192.741(a),192.741(c)]	Were telemetering and/or recording gauges inspected for abnormally high or low pressure indications?	Not Checked
General Comment:		
<i>This regulator did not have recording gauges.</i>		
[192.743(a)]	Is overpressure protection provided on the pipeline down stream of the take point?	Satisfactory
General Comment:		
<i>During the record audit, Staff confirmed that Ameren has overpressure protection at each take point for the Ameren Peoria operating territory.</i>		
[192.199(d)]	Were the pressure relief or pressure limiting devices inspected to determine if the support was made of noncombustible material?	Satisfactory
General Comment:		
<i>No combustibile supports were used at this regulator station.</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?	Satisfactory
General Comment:		
<i>This regulator station was equipped with a heater box. Staff pointed out that when the box is in place, the regulator vent was only 1-1 1/2 inches from the top of the box. In the event the heater was off or failed during inclement weather, the vent could be blocked with ice or snow. Ameren staff remedied this issue by extending the vent over the side of the box when the station was reassembled. (see photo "Bartonville Reg Station")</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?	Satisfactory
VALVE MAINTENANCE		Status
[192.747(a)]	Were the valves inspected accessible?	Satisfactory
General Comment:		
<i>All valves inspected were accessible in the event of an emergency.</i>		
ODORIZATION OF GAS		Status
Category Comment:		
<i>Odorization intensity levels were not part of this inspection.</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

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TRANSMISSION		Status
<u>Category Comment:</u>		
<i>Staff did not inspect any transmission pipeline or components during this audit.</i>		
[192.179(b)(1)]	Are transmission valves protected from tampering or damage?	Not Checked
[192.745(a)]	Were the valves inspected accessible?	Not Checked
[192.719(a)]	Is pre-tested transmission pipe inventory maintained for use in an emergency?	Not Checked
MARKING OF MATERIAL		Status
[192.63(a)]	Does the operator's components and pipe contain the required markings?	Satisfactory
OPERATOR QUALIFICATION		Status
Was a PHMSA Form 15 Operator Qualification Field Inspection Protocol Form completed?		No

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