

# STANDARD INSPECTION REPORT OF A GAS DISTRIBUTION OPERATOR RECORD 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): 10/20/2015</b>	Man Days: 1
<b>Inspection Unit: Effingham</b>	
<b>Location of Audit: Effingham</b>	
<b>Exit Meeting Contact:</b>	
<b>Inspection Type: Standard Inspection - Record 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 Glaspy	Quality Assurance	

Gas System Operations	Status
Gas Transporter	<b>Panhandle Eastern</b>
Annual Report (Form 7100.1-1) reviewed for the year:	<b>Not Checked</b>
<b><u>General Comment:</u></b> <i>The annual report is in the Pawnee Training Center</i>	
Unaccounted for Gas	<b>Not Checked</b>
<b><u>General Comment:</u></b> <i>The annual report is in the Pawnee Training Center</i>	
Number of Services	<b>Not Checked</b>
<b><u>General Comment:</u></b>	

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<i>These records are in the Pawnee Training Center</i>		
Miles of Main		<b>Not Checked</b>
<b><u>General Comment:</u></b>		
<i>These records are in the Pawnee Training Center</i>		
Is the operator maintaining documentation verifying their Maximum Allowable Operating Pressure(s)? (MAOP)		<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>The regulator station inspection sheets have the MAOP documentation on them.</i>		
Operating Pressure (Feeder)		<b>Various</b>
Operating Pressure (Town)		<b>Various</b>
Operating Pressure (Other)		<b>No other operating pressures</b>
MAOP (Feeder)		<b>Various</b>
MAOP (Town)		<b>Various</b>
MAOP (Other)		<b>No other MAOP pressures</b>
Does the operator have any transmission pipelines?		<b>No</b>
<b><u>General Comment:</u></b>		
<i>The transmission records are in the Decatur Plaza.</i>		
<b>Regulatory Reporting Records</b>		<b>Status</b>
[191.5]	Were Telephonic Notices of Incidents reported to the NRC (800-424-8802)?	<b>Not Applicable</b>
<b><u>General Comment:</u></b>		
<i>Ameren Effingham operating center had no incidents in 2014.</i>		
[191.9(a)]	Was a DOT Incident Report Form F7100.1 submitted within 30 days after detection of an incident?	<b>Not Applicable</b>
<b><u>General Comment:</u></b>		
<i>Ameren Effingham operating center had no incidents in 2014.</i>		
[191.9(b)]	Were any supplemental incident reports submitted when deemed necessary?	<b>Not Applicable</b>
<b><u>General Comment:</u></b>		
<i>Ameren Effingham operating center had no supplemental incidents reports in 2014.</i>		
Did the operator have any plastic pipe failures in the past calendar year?		<b>No</b>

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<b><u>General Comment:</u></b>		
<i>No plastic pipe failures in 2014 in the Effingham Operating Center.</i>		
Did the operator take action to mitigate safety concerns relating to the failure of the PE or pipeline components?		<b>No</b>
<b><u>General Comment:</u></b>		
<i>No plastic pipe failures in 2014 in the Effingham Operating Center.</i>		
[191.23(a)]	Did the operator report Safety Related Conditions?	<b>Not Applicable</b>
<b><u>General Comment:</u></b>		
<i>– Safety Related Condition Reports are located at the Pawnee Training Center</i>		
[191.25]	Did the Operator file a Safety Related Condition Report within 5 working days of determination, but not later than 10 working days after discovery?	<b>Not Applicable</b>
<b><u>General Comment:</u></b>		
<i>Safety Related Condition Reports are located at the Pawnee Training Center</i>		
[192.16(c)]	Customer Notification: Has the operator notified each new customer within 90 days about the customer's responsibility regarding buried piping, however, operators of a master meter may continuously post a general notice in a permanent location?	<b>Not Checked</b>
<b><u>General Comment:</u></b>		
<i>Customer Notification records are in the Decatur Plaza</i>		
<b>TEST REQUIREMENTS</b>		<b>Status</b>
[192.517(a)][192.505,192.507,192.511(c)]	Are pressure test records being maintained for piping operating above 100 psig?	<b>Not Checked</b>
<b><u>General Comment:</u></b>		
<i>Records for pressures operating above 100# are in the Decatur Plaza.</i>		
[192.517(b)][192.511,192.509,192.513]	Are pressure test records being maintained for at least 5 years on piping operating below 100 psig?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Pressure test records are being maintained for at least 5 years.</i>		
[192.603(b)][192.725]	Were service lines temporarily disconnected from the main properly tested prior to reconnection?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Temporarily disconnected service lines are being retested before being placed back into service.</i>		
<b>UPRATING</b>		<b>Status</b>

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<b><u>Category Comment:</u></b>		
<i>The Effingham Operating Center had no uprating done in 2014.</i>		
[192.555][192.555]	Has the operator maintained documentation of uprating activities when uprating a pipe to a pressure that will produce a hoop stress of 30% or more SMYS?	<b>Not Applicable</b>
[192.557][192.557]	Has the operator maintained documentation of uprating activities when uprating a pipe to a pressure that will produce a hoop stress of less than 30% SMYS?	<b>Not Applicable</b>
<b>OPERATIONS</b>		<b>Status</b>
[192.603(b)][192.605(a)]	Has the operator conducted a review of the Operations and Maintenance Manual once per yr/15 months?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>A review of the Operation and Maintenance Manual is conducted at least once every year.</i>		
Has the operator conducted a review of the Operator Qualification Plan once per yr/15 months?		<b>Yes</b>
<b><u>General Comment:</u></b>		
<i>A review of the Operator Qualification Plan is conducted at least once every year.</i>		
[192.603(b)][192.605(b)(3)]	Are construction records, maps, and operating history available to operating personnel?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Maps, records, and operating history is available to operating personnel.</i>		
[192.603(b)][192.605(b)(8)]	Has the operator periodically reviewed personnel's work to determine the effectiveness of normal O&M procedures when deficiencies are found?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Ameren Quality Assurance inspectors inspect personnel work for effectiveness of the O&amp;M plan.</i>		
<b>CONTINUING SURVEILLANCE RECORDS</b>		<b>Status</b>
[192.603(b)][192.613(a)]	Has the operator reviewed continuing surveillance records for class location changes, failures, leak history, corrosion, changes in cathodic protection, and other unusual operating and maintenance conditions?	<b>Not Checked</b>
<b><u>General Comment:</u></b>		
<i>Continuing surveillance records are in the Decatur Plaza office.</i>		
[192.491][192.489]	Does the operator have records verifying if exposed cast iron was examined for evidence of graphitization and if necessary what appropriate action was taken concerning graphitization?	<b>Not Applicable</b>

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<b><u>General Comment:</u></b>		
<i>The Effingham operating center does not contain cast iron pipelines</i>		
[192.603(b)][192.755]	Does the operator have surveillance records of cast iron pipelines, including appropriate action resulting from tracking circumferential cracking failures, study of leak history, or any other unusual operating and maintenance conditions?	<b>Not Applicable</b>
<b><u>General Comment:</u></b>		
<i>The Effingham operating center does not contain cast iron pipelines</i>		
[192.603(b)][192.753(a)]	Is each cast iron caulked bell and spigot joint that is subject to a pressure of more than 25 (psig.) sealed as required?	<b>Not Applicable</b>
<b><u>General Comment:</u></b>		
<i>The Effingham operating center does not contain cast iron pipelines</i>		
[192.603(b)][192.753(b)]	Is each cast iron caulked bell and spigot joint that is subject to a pressure of 25 (psig.) or less and is exposed for any reason sealed as required?	<b>Not Applicable</b>
<b><u>General Comment:</u></b>		
<i>The Effingham operating center does not contain cast iron pipelines</i>		
<b>DAMAGE PREVENTION RECORDS</b>		<b>Status</b>
[192.603(b)][191.11(a)]	Did the operator track the number of damages per 1000 locate requests for the previous years?	<b>Not Checked</b>
<b><u>General Comment:</u></b>		
<i>Damage prevention records are kept in the Bellville Operating Center.</i>		
Has the number of damages increased or decreased from prior year?		<b>Not Checked</b>
<b><u>General Comment:</u></b>		
<i>Damage prevention records are kept in the Bellville Operating Center.</i>		
[192.603(b)][192.617]	Does the operator track records of accidents due to excavation damage to ensure causes of failures are addressed to minimize the recurrence?	<b>Not Checked</b>
<b><u>General Comment:</u></b>		
<i>Damage prevention records are kept in the Bellville Operating Center.</i>		
[192.603(b)][192.614(c)(3)]	Does the operator provide documentation pertaining to notification of excavation, marking, positive response, and the availability and use of the one call system?	<b>Not Checked</b>
<b><u>General Comment:</u></b>		

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<i>Damage prevention records are in the Bellville Operating Center.</i>		
Does the operator have a Quality Assurance Program in place for monitoring the locating and marking of facilities?		<b>Not Checked</b>
<b><u>General Comment:</u></b>		
<i>Damage prevention records are in the Bellville Operating Center.</i>		
Do pipeline operators include performance measures in facility locating contracts?		<b>Not Checked</b>
<b><u>General Comment:</u></b>		
<i>Damage prevention records are in the Bellville Operating Center.</i>		
[IL ADM. CO.265.100(b)(1)]	Was third party damage to mains involving a release of gas reported to ICC JULIE Enforcement? <a href="http://www.icc.illinois.gov/julie/">http://www.icc.illinois.gov/julie/</a>	<b>Not Checked</b>
<b><u>General Comment:</u></b>		
<i>Damage involving a release of gas records are in the Pawnee Operating Center.</i>		
Has the Operator adopted applicable sections of the Common Ground Alliance Best Practices?		<b>No</b>
<b><u>General Comment:</u></b>		
<i>Common Ground Alliance Best Practices records are in the Pawnee Operating Center.</i>		
Were Common Ground Alliance Best Practices discussed with the Operator?		<b>No</b>
<b><u>General Comment:</u></b>		
<i>Common Ground Alliance Best Practices records are in the Pawnee Operating Center.</i>		
<b>EMERGENCY PLANS</b>		<b>Status</b>
[192.603(b)][192.615(b)(1)]	Are supervisors, responsible for emergency action, furnished copies of the latest edition of the Emergency Plan?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Supervisors are given updates as they come out.</i>		
[192.603(b)][192.615(b)(2)]	Has the operator maintained documentation that the appropriate operating personnel have received training to assure they are knowledgeable of emergency procedures and that the training was effective?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>A sign in sheet is kept, showing that personnel have received training on the O&amp;M plan.</i>		
[192.603(b)][192.615(b)(3)]	Has the operator maintained documentation of employee activity reviews to determine whether the procedures were effectively followed in each emergency?	<b>Not Checked</b>
<b><u>General Comment:</u></b>		

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<i>Records for emergency plans review are in the Pawnee Operating Center.</i>		
[192.603(b)][192.615(c)]	Has the operator maintained documentation that the operator established and maintained liaison with appropriate fire, police and other public officials?	<b>Not Checked</b>
<b><u>General Comment:</u></b>		
<i>Records for liaison meeting are in the Pawnee Operating Center.</i>		
[192.603(b)][192.615(a)(3)]	Did the review of emergency response time intervals regarding odor/leak complaint documentation indicate adequate emergency response intervals were achieved?	<b>Not Checked</b>
<b><u>General Comment:</u></b>		
<i>Emergency response records are in the Pawnee Operating Center.</i>		
<b>ODORIZATION OF GAS</b>		<b>Status</b>
[192.603(b)][192.625(f)]	Has the operator maintained documentation of odorant concentration level testing using an instrument?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Odorant reading are taken every month.</i>		
[192.603(b)][192.625(e)]	Has the operator maintained documentation of odorizer tank levels?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Odorizer tank readings were inspected with no issues at this time.</i>		
[192.603(b)][192.625(f)(1)]	Are master meter operators receiving written verification of odorant concentration levels from their gas supplier?	<b>Not Applicable</b>
<b><u>General Comment:</u></b>		
<i>Ameren Illinois is not a Master Meter Operator.</i>		
[192.603(b)][192.625(f)(2)]	Has the master meter operator maintained documentation of sniff tests performed as required by this section?	<b>Not Applicable</b>
<b><u>General Comment:</u></b>		
<i>Ameren Illinois is not a Master Meter Operator.</i>		
<b>PATROLLING &amp; LEAKAGE SURVEY</b>		<b>Status</b>
[192.603(b)][192.721(b)(1)]	Is the operator patrolling business districts at a minimum of 4 per year/4 1/2 months?	<b>Not Applicable</b>
<b><u>General Comment:</u></b>		
<i>No transmission lines in the Effingham Operating Center.</i>		
[192.603(b)][192.721(b)(2)]	Is the operator patrolling outside business districts at a minimum of 2 per year/7 1/2 months?	<b>Satisfactory</b>

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<b><u>General Comment:</u></b>		
<i>Two patrolling records for the Effingham Operating Center, and they were done twice in 2014.</i>		
[192.603(b)][192.723(b)(1)]	Is the operator performing leakage surveys in business districts at a minimum of 1 per year/ 15 months? If the operator has inside meter sets that meet this criterion then were those surveyed?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Business district leak surveys were inspected and met the code requirements for 2014. Inside meter sets were inspected during these surveys.</i>		
[192.603(b)][192.723(b)(2)]	Is the operator performing leakage surveys outside a business district at a minimum of every 5 years/63 months? Is the operator performing leakage surveys on cathodically unprotected pipelines at a minimum of every 3 years/39 months? If the operator has inside meter sets that meet this criterion then were those surveyed? If the operator has yard lines then are those being surveyed?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Outside business district leaks surveys were inspected during this audit.</i>		
<b>YARD LINES - RESIDENTIAL</b>		<b>Status</b>
[220 ILCS 2.2.03]	Has the operator designated and documented the location of all services where the meter is located more than 3 feet away from the wall of a residence?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Ameren documented the location of meter sets more than 3 feet from the house wall, and a leak survey is conducted on piping after the meter set.</i>		
[192.463,220 ILCS 2.2.03][220 ILCS 2.2.03]	Has the operator determined if cathodic protection is required on these services?	<b>Not Applicable</b>
<b><u>General Comment:</u></b>		
<i>Ameren does not protect piping after the meter set.</i>		
[192.723(b)(1),192.723(b)(2)][220 ILCS 2.2.03]	After the determination of the cathodic protection requirements, has the operator surveyed each line within the required leakage survey intervals?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>A leak survey is conducted on piping after the meter set.</i>		
<b>ABANDONMENT or DEACTIVATION of FACILITIES PROCEDURES</b>		<b>Status</b>
[192.603(b)][192.727(b)]	Did the operator maintain documentation demonstrating that each pipeline abandoned in place was disconnected from all sources and supplies of gas, and purged of gas?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		

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<i>Documentation showed that pipelines abandoned were disconnected from the gas source.</i>		
[192.603(b)][192.727(c)]	Did the operator maintain documentation demonstrating that each inactive pipeline that is not being maintained under this part was disconnected from all sources and supplies of gas; purged of gas?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Documentation showed that pipelines abandoned were disconnected from the gas source and purged with air.</i>		
[192.603(b)][192.727(d)]	Did the operator maintain documentation demonstrating that whenever service to a customer was discontinued access to gas was either; locked, prevented by a mechanical fitting, or disconnected from the gas supply and open pipe ends sealed?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Documentation shows that meters shut off are pined off at the meter set.</i>		
[192.603(b)][192.727(e)]	Did the operator maintain documentation when air was used for purging that a combustible mixture was not present after purging?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Documentation showed that pipelines were purged with air.</i>		
[192.727(g)][192.727(g)]	Did the operator maintain documentation for each abandoned onshore pipeline facility that crosses over, under or through a commercially navigable waterway?	<b>Not Applicable</b>
<b><u>General Comment:</u></b>		
<i>Ameren Effingham has no abandoned pipelines running under a commercially navigable waterway</i>		
<b>PRESSURE LIMITING AND REGULATION</b>		<b>Status</b>
[192.603(b)][192.739(a)]	Is the operator inspecting and testing the pressure limiting and regulating stations at a minimum of 1 per year/15 months?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Regulator stations are inspected at least once a year not the exceed 15 months.</i>		
[192.603(b)][192.743(a)]	Is the operator inspecting pressure limiting and regulating stations for adequate capacity at a minimum of 1 per year/15 months?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>A capacity check is performed on each regulator station.</i>		
[192.603(b)][192.743(b)]	If the operator used calculations to determine sufficient capacity, were the calculation reviews documented at a minimum of 1 per year/15 months?	<b>Satisfactory</b>

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<b><u>General Comment:</u></b>		
<i>A capacity check is performed on each regulator station.</i>		
[192.603(b)][192.741(a),192.741(b)]	Is each distribution system supplied by more than one district pressure regulating station, or where required by the operator on a system supplied by a single regulating station, equipped with telemetering or recording pressure gauges to indicate the gas pressure in the district?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Recording pressures were inspected on regulator sheets during this audit.</i>		
[192.603(b)][192.741(c)]	If there were indications of abnormally high- or low-pressure, were actions taken to correct any unsatisfactory operating conditions?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Records did not show any high or low pressures during the 2014 record year.</i>		
[192.603(b)][192.743(a), 192.743(b), 192.195(b)(2)]	Is overpressure protection provided by the supplier pipeline downstream of the take point?	<b>Not Checked</b>
<b><u>General Comment:</u></b>		
<i>Overpressure records are in the Decatur Plaza.</i>		
[192.603(b)][192.743(a)]	If Yes, does the operator have documentation to verify that these devices have adequate capacity?	<b>Not Checked</b>
<b><u>General Comment:</u></b>		
<i>Overpressure records are in the Decatur Plaza.</i>		
<b>VALVE MAINTENANCE</b>		<b>Status</b>
[192.603(b)][192.747(a), 192.747(b)]	Did the operator inspect and maintain distribution valves necessary for the safe operation of the system at a minimum of 1 per year/15 months?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Distribution valve records met the requirements for the year of 2014.</i>		
[192.603(b)][192.749(a)]	Did the operator inspect and maintain vaults > 200 cubic feet at a minimum of 1 per year/15 months?	<b>Not Applicable</b>
<b><u>General Comment:</u></b>		
<i>Ameren Effingham has no vaults &gt; 200 cubic feet in the gas system.</i>		
<b>Investigation Of Failures</b>		<b>Status</b>
[192.603(b)][192.617]	Did the operator experience accidents or failures requiring analysis?	<b>Not Checked</b>

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<b><u>General Comment:</u></b>		
<i>Accident or failures records are in the Pawnee Operating Center.</i>		
<b>WELDING OF STEEL PIPE</b>		<b>Status</b>
<b><u>Category Comment:</u></b>		
<i>Welding records are being kept in the Decatur Operating Center.</i>		
[192.603(b)][192.225(b)]	Does the operator have documentation for their qualified welding procedure?	<b>Not Checked</b>
[192.603(b)][192.227, 192.229]	Does the operator have documentation of welder qualification as required?	<b>Not Checked</b>
[192.807]	Does the operator have documentation of welder OQ records?	<b>Not Checked</b>
[192.709][192.243(b)(2)]	Does the operator have documentation of NDT personnel qualification as required?	<b>Not Checked</b>
[192.709][192.243(f)]	Does the operator have documentation of NDT testing performed?	<b>Not Checked</b>
<b>JOINING OF MATERIAL OTHER THAN WELDING</b>		<b>Status</b>
<b><u>Category Comment:</u></b>		
<i>Joining of material records are being maintained in the Decatur Operating Center.</i>		
[192.603(b)][192.285]	Are persons making joints with plastic pipe qualified?	<b>Not Checked</b>
[192.603(b)][192.287]	Are persons inspecting plastic pipe joints qualified?	<b>Not Checked</b>
[192.603(b)][192.283]	Are qualified joining procedures for plastic pipe in place?	<b>Not Checked</b>
<b>CORROSION CONTROL RECORDS</b>		<b>Status</b>
[192.491(a)][192.491(a)]	Has the operator maintained maps or records of cathodically protected piping, cathodic protection facilities, galvanic anodes, and neighboring structures bonded to the cathodic protection system?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>The records that were inspected were on GCS till November 2014, and then they are being kept on Maximo a new computer system.</i>		
[192.491][192.459]	Has the operator maintained documentation of an examination when buried pipe was exposed?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Staff inspected records that were on paper and GCS, the new records will be kept on Maximo.</i>		
[192.491][192.465(a)]	Has the operator maintained documentation of annual pipe-to-soil monitoring performed at a minimum of 1 per yr/15 months and/or isolated services or short sections of main less than 100 feet at a minimum of 10% annually?	<b>Satisfactory</b>

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<b><u>General Comment:</u></b> <i>Staff inspected annual reads, and isolated services were inspected at a 10% annual rate.</i>		
[192.491][192.465(b)]	Has the operator maintained documentation of rectifier or other impressed current power sources inspections at a minimum of 6 per year/ 2 1/2 months?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Rectifiers are inspected every other month.</i>		
[192.491][192.465(c)]	Has the operator maintained documentation of each critical interference bond, reverse current switch, diode, etc. inspections at a minimum of 6 per year/ 2 1/2 months and/or non-critical interference bond inspections at a minimum of 1 per year/15 months?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Critical bonds are inspected at least 6 times a year. Non-critical bonds are inspected once a year.</i>		
[192.491][192.465(d)]	Has the operator taken prompt remedial actions to correct any deficiencies indicated by the monitoring?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>If a low read is found prompt remedial actions are being taken.</i>		
[192.491][192.465(e)]	Has the operator maintained documentation of unprotected pipeline surveys, inspections, or tests at a minimum of 3 years/39 months?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>Effingham has no unprotected pipe in the gas system.</i>		
[192.491][192.467(a),192.467(c),192.467(d)]	Has the operator maintained documentation of inspections or tests for electrical isolation at casings?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Casing readings are taken 1 per year/15 months.</i>		
[192.491][192.469]	Does the operator have a sufficient number of test stations or other contact points for electrical measurement to determine the adequacy of cathodic protection?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>A sufficient number of test station are in the gas system.</i>		
[192.491][192.471]	Has the operator maintained documentation of corrective actions taken when a test lead is no longer electrically conductive?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>All test leads are electrically conductive.</i>		

# STANDARD INSPECTION REPORT OF A GAS DISTRIBUTION OPERATOR RECORD 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.

[192.491][192.473(b)]	Has the operator maintained documentation of inspections or tests to assure their cathodic protection system is not affecting adjacent underground metallic structures?	<b>Satisfactory</b>
<b>General Comment:</b> <i>The cathodic protection system is not affecting adjacent underground metallic structures.</i>		
[192.491][192.475(a)]	Has the operator maintained documentation of investigations or steps taken to minimize internal corrosion due to transportation of corrosive gas?	<b>Not Applicable</b>
<b>General Comment:</b> <i>Ameren Effingham does not transport corrosive gas.</i>		
[192.491][192.475(b)]	Has the operator maintained documentation of internal surface inspections performed when pipe is removed for any reason?	<b>Not Applicable</b>
<b>General Comment:</b> <i>Ameren Effingham did not remove any pipe from the system in 2014.</i>		
[192.491][192.477]	Has the operator maintained documentation of internal corrosion coupon monitoring at a minimum of 2 per year/ 7 1/2 months?	<b>Not Applicable</b>
<b>General Comment:</b> <i>No internal corrosion coupon monitoring in the distribution system.</i>		
[192.491][192.481]	Has the operator maintained documentation of atmospheric corrosion control monitoring at a minimum of 1 per 3 years/ 39 months?	<b>Satisfactory</b>
<b>General Comment:</b> <i>Documentation shows that atmospheric corrosion inspections are being monitored during leak surveys every 4 years.</i>		
[192.491][192.479]	Has the operator maintained documentation of corrective action where atmospheric corrosion was discovered?	<b>Satisfactory</b>
<b>General Comment:</b> <i>Documentation records shows that if atmospheric corrosion is found the piping is rewrapped or painted.</i>		
[192.491][192.483(a), 192.483(b), 192.483(c)]	Has the operator maintained documentation demonstrating that pipe removed due to external corrosion has been repaired or replaced with pipe that was coated and cathodically protected?	<b>Not Applicable</b>
<b>General Comment:</b> <i>Ameren Effingham did not remove any pipe in 2014.</i>		
<b>TRAINING - 83 IL ADM. CODE 520</b>		<b>Status</b>

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If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

[520.10(a) (1)]	Has the operator maintained documentation demonstrating that personnel have received adequate training?	<b>Not Checked</b>
<b><u>General Comment:</u></b> <i>Training records will be reviewed at the Pawnee Training Center.</i>		
[520.10(a) (2)]	Do training records include verbal instruction and/or on the job training for each job classification?	<b>Not Checked</b>
<b><u>General Comment:</u></b> <i>Training records will be reviewed at the Pawnee Training Center.</i>		
[520.10(b)]	Has the municipal operator maintained documentation demonstrating that personnel have received adequate training?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>Ameren Effingham is not a municipal operator.</i>		
[520.10(a)(5)]	Are procedures periodically updated to include new materials, new methods of operation and installation, and changes in general procedures?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Procedures are usually updated yearly.</i>		

# STANDARD INSPECTION REPORT OF A GAS DISTRIBUTION OPERATOR RECORD AUDIT

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If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.