

## SERVICE INSTALLATION CHECKLIST

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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): 10/6/2015, 10/7/2015, 10/8/2015</b>	Man Days: 3
<b>Inspection Unit: Tuscola</b>	
<b>Location of Audit: Tuscola</b>	
<b>Exit Meeting Contact: Kevin Glaspy</b>	
<b>Inspection Type: Design Testing and Construction</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>	

CONSTRUCTION INFORMATION		
<b>Location of Construction:</b> 112 East Logan Street, Longview, Illinois	<b>Construction Performed By:</b> Ameren Illinois gas crew.	
<b>Contractor Foreman:</b>	No Contractor on the job	
<b>Operator Inspector:</b>	Kevin Glaspy, Quality Assurance	
Person(s) On Job Site		
Dick Laley	Steve Quinn	Kyle Storm
<b>Description of Construction:</b> Ameren Illinois crew was installing a new gas service line to 112 East Logan Street in Longview, Illinois. The service line was a 1 inch Driscoplex line connected to a 2 inch steel gas main. The service line was air tested to 100 pounds for 10 minutes, with no leaks being found at the time of this audit.		

SERVICE INSTALLATION		Status
[192.55]	Steel	Yes
<b><u>General Comment:</u></b> <i>the gas main was a 2 inch steel line, with the tapping tee being 3/4" X 1" Mueller Auto Perf weld tee</i>		
[192.59]	PE	Yes
<b><u>General Comment:</u></b> <i>The new service line was 1 inch Plastic Driscoplex pipe.</i>		

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[192.59]	Other	<b>No</b>
<b>General Comment:</b> <i>No other pipe was installed during this audit.</i>		
[192.619,192.621,192.623]	MAOP	<b>60#</b>
[192.5]	Class location :	<b>Class 3</b>
[192.53]	Are components qualified for use?	<b>Satisfactory</b>
<b>General Comment:</b> <i>All pipe and fittings were marked for use on this job.</i>		
[192.63(a)(2)]	Pipe Size :	<b>1 inch</b>
[192.55,192.59]	Specification :	<b>AST M D-2513</b>
[192.55,192.59]	Manufacturer :	<b>Driscoplex</b>
[192.55,192.59]	Pipe Grade :	<b>PE2406/2708</b>
[192.55,192.59]	Wall Thickness :	<b>.099 wall</b>
[192.63]	Are pipe, valves, and fittings properly marked for identification?	<b>Satisfactory</b>
<b>General Comment:</b> <i>The pipe and fittings had the proper markings on them.</i>		
[192.227]	Welder qualification date:	<b>8-25-15</b>
[192.227]	Welder's Name:	<b>Dick Laley</b>
[192.225,192.275,192.277,192.279,192.283]	Is pipe joined in accordance with approved written procedures?	<b>Satisfactory</b>
<b>General Comment:</b> <i>The pipe was joined according to the O&amp;M procedures.</i>		
[192.285]	Date of Qualification :	<b>2-25-15</b>
[192.285]	Joiner's name:	<b>Steve Quinn</b>
[192.455]	Is buried metallic pipe coated?	<b>Satisfactory</b>
<b>General Comment:</b> <i>The gas main and tapping tee was coated and hot wrapped.</i>		
[192.455(a)(1)]	Is cathodic protection being provided?	<b>Satisfactory</b>
<b>General Comment:</b> <i>A cathodic reading was taken off the gas main and read -1.21</i>		
[192.455(a)(1)]	Is cathodic protection being provided? By Anodes:	<b>Yes</b>
<b>General Comment:</b>		

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<i>Anodes were protecting the gas main.</i>		
[192.455(a)(1)]	Is cathodic protection being provided? By Rectifier:	<b>No</b>
<b><u>General Comment:</u></b>		
<i>A rectifier was not protecting the gas system in this area.</i>		
[192.461]	Does coating meet 192.461?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>The gas main and tapping tee was coated, and then hot wrapped.</i>		
[192.461(c)]	Is coating inspected just prior to being installed in the ditch?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Coating was inspected as dirt was shoveled in around the gas main before back filling was performed.</i>		
[192.479]	Are above ground facilities cleaned and coated or jacketed as needed?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>The above ground piping at the anode less riser was clean and coated.</i>		
[192.467]	Are pipelines electrically isolated from other underground metallic structures?	<b>Not Applicable</b>
<b><u>General Comment:</u></b>		
<i>There were no underground metallic structures in the area of this service line.</i>		
[192.319]	Is ditch back-filled to provide firm support and prevent damage to pipe or coating?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Dirt was shoveled over the service line before back filling to help provide protection to the service line.</i>		
[192.321(c)]	Is plastic pipe installed as to minimize shear and tensile forces?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>A protective sleeve was installed to protect the service line connection at the tapping tee.</i>		
[192.321]	Does plastic pipe have means of locating while underground?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Tracer wire was installed in the ditch along side of the service line for means of locating the service line.</i>		
[192.325]	Are required clearances from underground structures being maintained?	<b>Not Applicable</b>
<b><u>General Comment:</u></b>		
<i>No other structures were in the area of the service line.</i>		
[192.327(a)]	Is required cover being obtained for the service line?	<b>Satisfactory</b>

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<b><u>General Comment:</u></b>		
<i>The service line was installed at a minimum of 24 inches, from the top of the service line to the top of the ground.</i>		
[192.503]	Are general testing requirements being met?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>The service line was air tested to 100 pounds for 10 minutes with no leaks being found.</i>		
[192.517]	Are records being made of strength and leak tests?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Strength test and leak test records were being maintained by the crew leader.</i>		
[192.807]	Were covered employees Operator Qualification records reviewed to ensure qualification?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Operator qualifications records were inspected on the crew that installed the service line and welding of the tapping tee.</i>		
[192.805(c)]	Were non-qualified personnel being directed and observed by a qualified individual?	<b>Not Applicable</b>
<b><u>General Comment:</u></b>		
<i>No non-qualified employees were on this job.</i>		
[192.805(c)]	Were span of control limitations being followed?	<b>Not Applicable</b>
<b><u>General Comment:</u></b>		
<i>All employees were qualified to perform the task on this job.</i>		
Was a Protocol 9 (Form 15) Completed?		<b>No</b>
<b><u>General Comment:</u></b>		
<i>A protocol 9 form was not completed on this job.</i>		
[192.614]	Were One Call Notifications performed as required?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>The Ameren crew has a Julie one call notification number with them.</i>		
[192.614]	Dig Ticket #	<b>A002671401</b>
[192.383(b)]	Is an EFV installed on any new or replaced service line serving a single-family residence?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>An EFV flow valve was installed on this service line at the tapping tee.</i>		
[192.751]	Are adequate steps taken to minimize the potential for accidental ignition?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		

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*Steps were taken to prevent accidental ignition.*

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