

#14

METER BASE INSPECTION

Permit #

Date:

Address:

Contractor:

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REVISED SEPTEMBER 2012

Building inspection verification points to comply with 2012 IRC and Ameren UE requirements.

Ameren Electric Meter Sockets Change:

Due to safety concerns with horn bypass, Ameren is moving forward to switch to clamp jaw lever bypass meter socket for residential services. At present clamp jaw lever bypass is only required for commercial services. Horn bypass meter sockets are no longer allowed for any permanent services after JANUARY 6, 2015.

The changes made to the Ameren approved meter mounting equipment are listed below:

- 1. Clamp jaw lever bypass meter sockets are required in the following individual meter situations:
 - A. Residential single phase (320 amp max)*
 - B. Non-residential single phase (320 amp max)*
 - C. All three phase services (320 amp max except only 200 amp max for 480V and 277/480V)*
 - D. All single phase 480V services (200 amp max)*
 - E. All temporary services except as noted #3 below**
- 2. Clamp jaw lever bypass meter socket is required for all multi-meter sockets for residential and non-residential services with or without a main disconnect. A slide type bypass is not permitted.*
- 3. For a single phase 100 or 200 amp construction temporary service, a bypass is not required in the meter base unless that meter base is to be re-used for the permanent service.*
- 4. 120/240V 3 wire single phase socket will change from a four terminal to 5 terminal clamp jaw lever bypass.*
- 5. For all 320 amp meter bases the need for an anti-inversion clip is eliminated.*

The clamp jaw bypass meter socket shall be rated at 200 amp services and shall be heavy duty, lever operated, clamp jaw with clamp jaw tension release design with plastic protective shield similar to the Milbank (HD-5 or HD-7) or Siemens/Talon HQ-5 or HQ-7 bypass mechanisms. The bypass action of all lever type bypass mechanisms shall be visible. This includes the ability to visibly see the opening and

closing of the bypass mechanism contacts, as well as the clamping action of the meter socket jaws. Bypass mechanisms not meeting this requirement shall be rejected. Clamp jaw lever bypass mechanisms not previously used on the Ameren system shall be presented to the Ameren Standards Engineering Department for review.

These changes will be effective on January 6, 2015.

- Ground wire connected per E3601.
Code Compliant < > Non- Compliant < >
- Verify service disconnects per NEC 230-70 and E3601.6.2 of 2012 IRC.
Code Compliant < > Non- Compliant < >
- Verify all service panels installed and made up. Per R3500
Code Compliant < > Non- Compliant < >
- House lockable. Compliant < >
- Affix label on meter box < >

Comments _____

Approved for Ameren Service < >

Inspector:

Date:

Call Steve Garber at Ameren 573-365-9271 Cell

Call Jim Doyle, Fire Marshall 573-216-4015