

Below is a Q & A with Con Edison from Monday, April 8, 2019. While the Plumbing Foundation expects the answers are the same for National Grid, we have not received confirmation yet. Note: these procedures are subject to change and plumbers should regularly refer to both Con Ed's Yellow Book and National Grid's Blue Book to be up-to-date-with on all applicable Utility Company procedures.

**The Plumbing Foundation may update this document but do not reply solely on this summary for utility practices.*

CON EDISON JURISDICTION:

New construction:

Defined as a brand new out of the ground building.

1. Service not installed (at time majority of work is completed).

CT87 is **not** required for installing gas service, gas meter or regulator and vent piping. **Exception: below-grade service piping requires additional OQs.**
CT87 **is** required to make the final connection to the service head valve.

2. Service head valve installed but not energized.

CT87 is **not** required for installing gas service, gas meter or regulator and vent piping. **Exception: below-grade service piping required additional OQs.**
CT87 (**is** or not) required to make the final connection to the service head valve.

3. Service head valve installed and energized.

CT87 is **not** required for installing above-grade gas service, gas meter or regulator and vent piping. **Gas meter(s) typically installed by utility. Exception: below-grade service piping required additional OQs.**
CT87 **is** required to make the final connection to the service head valve.

4. Crews meeting for meter set and purge out (i.e.- turn-on/start-up)

Utility typically does this, but if LMP making repairs, then CT87 is required.

Existing construction:

Defined as any existing building.

1. Additional service to be brought into the building. Service not installed (at time majority of work is completed).

CT87 is **not** required to install above-grade gas service, gas meter or regulator and vent piping for new meter rig. **Exception: below-grade service piping required additional OQs.**
CT87 **is** required to install above-grade gas service, gas meter or regulator and vent piping for swing over piping. **Exception: below-grade service piping requires additional OQs.**
CT87 **is** required to make the final connection to the service head valve.

2. Additional service to be brought into the building. Service head valve installed.

CT87 is **not** required to install above-grade gas service, gas meter or regulator and vent piping for new meter rig. **Exception: below-grade service piping required additional OQs.** CT87 **(is** required to install above-grade gas service, gas meter or regulator and vent piping for swing over piping. **Exception: below-grade service piping required additional OQs.** CT87 **is** required to make the final connection to the service head valve.

3. Existing service shut down. Testing and repairs are required to DOT jurisdictional piping.

CT87 **is** required to install/replace above-grade gas service, gas meter or regulator and vent piping. CT87 **is** required to make the final connection to the service head valve.

4. Existing meter shut down. Testing and repairs are required to DOT jurisdictional piping.

CT87 **is** required to install/replace above-grade gas service, gas meter or regulator and vent piping. CT87 **is** required to make the final connection to the service head valve.

5. Existing meter shut down. Testing and repairs are required to non-jurisdictional customer piping only.

CT87 is **not** required to work on the house side of the gas meter, when the meter is indoors. Note: for work after an outdoor meter, DOT jurisdiction ends at the building wall, and therefore CT87 would be required on that piping.

CT87 is **not** required to work on the final connection to the meter outlet at the point of delivery, when the meter is indoors. Note: for work after an outdoor meter, DOT jurisdiction ends at the building wall, and therefore CT87 would be required on that piping.

6. Existing customer piping (riser) is shut down. Testing and repairs are required to non-jurisdictional customer piping only.

CT87 is **not** required for work on the customer piping.

CT87 is **not** required to make the final connection to the customer riser valve.

7. Meter set, swing over, repairs and/or gas restoration (any situation where actual work may be required)

CT87 **is** required for any aspect of this work.

General Questions:

- 1- CT87 **is** required for the installation of hangers, sleeves, supports or holes required for the piping. **For energized jurisdictional piping.**
- 2- CT87 **is** required for the demolition of de-energized piping (previously energized and shut down).
- 3- CT87 is **not** required for the pressure testing of the newly completed system piping. **However, for services with service regulators supplying outlet pressures of at least 1 psig- additional OQs are required to perform the pressure test.**
- 4- CT87 **is** required for the pressure testing of the newly repaired system piping- **for jurisdictional piping. Additionally, for services with service regulators supplying outlet pressures of at least 1**

psig- additional OQs are required to perform the pressure test.

5- CT87 **is** required for the painting of the completed piping.

6- What is required when working on below grade service piping? When working on below grade service line pipe, additional OQs above/beyond CT86/87 are required. Those covered tasks and instructions on how to gain those qualifications can be found in the applicable utilities Yellow/Blue Books.

Who is required to be CT87 qualified on a site when CT87 work is being performed?

1- Can persons who are CT87 qualified supervise non-qualified persons? **No**

2- Can persons not qualified assist the person qualified in CT87 tasks? **No**

3- Can piping assemblies that require OQ be fabricated offsite by non-qualified persons? **No.**

4- Crews meeting for meter set, swing over, repairs and/or gas restoration (any situation where actual work may be required to DOT Jurisdictional Piping). CT87 is required for **any work where Jurisdictional piping is touched.**

Is CT87 required for anyone meeting the GDS crew? If **just for a meeting – No.**

5- Crews meeting for customer pipe unlock of a riser valve and gas restoration (any situation where actual work is not DOT Jurisdictional Piping) **No, for non-jurisdictional piping only.**

Is CT87 required for anyone meeting the GDS crew? If **just for a meeting – No. Jurisdictional pipe work – Yes.**

Is CT87 required under the above circumstances for any meter unlocks regardless if the repairs were on customer piping? Utility performs the meter unlock, but LMP making repairs on **Jurisdictional piping would require CT87.**

6- Can piping be delivered and stored onsite by non-qualified persons? **Yes**