Public Notice

PNGRB intends to amend the Petroleum and Natural Gas Regulatory Board (Technical Standards and Specifications including Safety Standards for City or Local Natural Gas Distribution Network) Regulations, 2008 as per Annexure I and also issue the Petroleum and Natural Gas Regulatory Board (Commissioning and Gas Charging in Steel Pipelines for City or Local Natural Gas Distribution Networks) Guidelines, 2015. Hence, comments / views from the stakeholders are sought on the proposed amendments to the aforesaid Regulations and Guidelines as above within 30 days from the date of issue of this public notice through email at secretary@pngrb.gov.in and/or in writing through post at above mentioned address.
Proposed draft:
PNGRB (T4S for City or Local natural Gas Distribution Networks) Amendment Regulations, 2015
F.No.M(I)/T4S/ CGD/1/2010 – In exercise of the powers conferred by Section 61 of the Petroleum and Natural Gas regulatory Act, 2006 (19 of 2006), the Petroleum and natural Gas Regulatory Board hereby makes the following regulations to amend the Petroleum and Natural Gas Regulatory Board (Technical Standards and Specifications including Safety Standards for City or Local natural Gas Distribution Networks) Regulations, 2008, namely:-

1. Short title and commencement.
   1) These regulations may be called the Petroleum and Natural Gas Regulatory Board (Technical Standards and Specifications including Safety Standards for City or Local natural Gas Distribution Networks) Amendment Regulations, 2015.
   2) They shall come into force on the date of their publication in the Official Gazette.

2. In the Petroleum and Natural Gas Regulatory Board (Technical Standards and Specifications including Safety Standards for City or Local natural Gas Distribution Networks) Regulations, 2008, -

   A) In Schedule IC : PIPING SYSTEM COMPONENTS AND FABRICATION DETAILS under heading “valves and pressure reducing devices” for the words beginning with “Valves body, bonnet,….” And ending with “…. Used in CGD networks.” , the following shall be substituted, namely, -

   “Valves body, bonnet, cover and/or end flanges components made of cast iron and / ductile iron shall not be used in CGD networks. However, in case of regulators, the body / components can be made of material as permitted under the specific code as mentioned in the regulation.”

   B) In Schedule IA : MATERIALS AND EQUIPMENT under heading “Pipes and tubing for above ground service lines up to meter set assembly” for the words beginning with “Galvanized Iron (GI) pipes shall be used in above….” And ending with “…. above ground gas pipes.” , the following shall be substituted, namely, -

   “Galvanized Iron (GI) pipes shall be used in above ground service lines up to consumer meter or meter control valve. The use of copper tubing shall only be after consumer meter such that this is not accessible to third party. GI pipes and copper tubing shall conform to
the requirements given in Annexure-IV of this standard. Use of non-galvanized pipes should be restricted as far as possible; however, in case they are used they shall be properly protected and painted. PE pipe shall not be used for above ground gas pipes except for above ground risers as permitted in Schedule I D of these Regulations.”

C) Schedule I D : DESIGN, INSTALLATION AND TESTING under heading “Installation of Service Lines” for the words beginning with “All plastic pipe and ....” And ending with “....provided in confined space.”, the following shall be substituted, namely, -

“All plastic pipe and fittings shall be laid underground and shall not be exposed. The buried service lines shall be provided with a minimum cover of 1.0 m. Where it is impractical to provide 1.0 m cover due to physical constraints, additional protective measures such as concrete slabs or high impact resistance plastic sheets shall be installed at least 300 mm above the service line. In no case the depth of cover shall be less than 600mm. For transition from plastic pipe to GI pipe, transition fittings shall be used. Plastic part of transition fitting protruding above ground shall be protected by encasing it with concrete guard. In case carbon steel section beyond transition fitting is below ground, it shall be protected against corrosion by minimum 400 micron thick 2 pack high build epoxy coating. Above ground service piping shall be Galvanized Iron or copper or carbon steel protected by anti corrosive coating. Wherever the service line riser is installed in confined spaces like basements, only welded risers shall be used. The gap between riser and wall shall be minimum 25 mm to and shall be supported at every 2 m. Ventilators shall be provided in confined space.

Usage of PE pipes to construct above-ground risers is permitted, subject to meeting the following requirements:

- PE pipe employed shall conform to the requirements specified at Annexure 4 of this standard.

- The PE pipe shall be used starting from a height of 3 metres, up to which GI pipe shall be used.

- The PE pipe shall be entirely protected from exposure to sunlight and any damage due to external impact.

The fittings employed and the jointing method for the PE riser system shall conform to the requirements of GIS / PL3: 2006 standard.”