

11.4 TECHNICAL STANDARDS AND SPECIFICATIONS INCLUDING SAFETY STANDARDS FOR CITY OR LOCAL NATURAL GAS DISTRIBUTION NETWORK

REGD NO. D. L--33004/99 Che Gazette of Z'ftidia 90] No. 90] EXTRAORDINARY PART III—section 4
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111/4/\$€[./396 (188)) a-uztr: +1T.äiT.fi. 612 (31) 27 2008 q. 750(37) 14-10-2009, v;r. uq(l) 16.12.2014
qq-@3T/VI/1/2007 01.01.2015 PETROLEUM AND NATURAL GAS REGULATORY BOARD
NOTIFICATION New Delhi, the 9th March. 2016 F. No. In exercise of the powers confen-ed by section
61 of the Petroleum and Natural Gas Regulatory Board 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.—
These regulations may bc 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, 2016. (2) They shall come into force on the date of their publication in the
Official Gazette. 2 in lthe Petroleum and Natural Gas Reguiatory Board (Techmcai Standards and
Specifications including Safety Standards for City or Local Natural Gas Distribution Networks)
Regulations, (a) (b) (c) In Schedule IA, under the 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 part V. 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 bc 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 In Schedule IC- under the
headline "Valves and Pressure Reducing Devices", for the words beginning with " Valves body, bonnet-. .
used in CGD networks." thc and ending with following shall be substituted, namely: "Valves body, bonnet,
cover and/or end flanges components made of cast iron and / ductile iron (as per ASTM A 395) shall not
be used in CGD networks. However. in case of regulators, (he body or components may be made of
material as permitted under the specific code as mentioned in these regulations." In Schedule IL), under
the heading "GAS SERVICE LINES", for the sub-heading "Installation of Service Lines", for lthe words
beginning with "All plastic pipe and fittings 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 bc
exposed. The buried service lines shall be provided with a Illinimum cover of 1.0 m. Where il is
impractical 10 provide 1.0 m cover due to physical constraints. additional protective measures such as
concrete 4 Foot Note . THE GAZETTE OF INDIA : EXTRAORDINARY [PART III —SEC. 4) slabs of
high impact resistance plastic sheetg shall be installed at least 300 mm above lthe service line. In no case
the depth of cover shall be less than 60()mm. For transition from plastic pipe to GI pipe, transition fittings
shall be used. Plastic part of transition filling protruding above ground shall be protected by encasine il
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 bc 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 IO construct above-ground risers is
permitted, subject to meeting the following requirements, namely: (a) (b) (c) (d) PE pipe employed shall
conform to the requirements specified at Annexure 1 of these regulations,' The PE pipe shall be used

starting from a height of 3 metres from the ground level, 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." UPAMANYU CHATTERJEE. secy. 1 88)] • Principal regulations were notified vide No. G.S.R. 612(E)- dated 27th Augusts 2008. amended vide G SR. 750(E) dated 14-10-2009. F. No, dated 16-12-2014 and F. No. L-MISC/VVW2007 dated m m Uploaded by Dte, of Printing at Government of India Press, Ring Road, Mayapuri, New Delhi-1 10064 and Published by the Controller of Publications, Delhi-I] 0054.

