

Subcommittee views on proposed amendments in PNGRB T4S CGD Networks Regulations, 2008

S. No	Clause No./ Reference	Description	As proposed by subcommittee
1	Schedule 1A: Pipes and tubing for above ground service lines up to meter set assembly	Use of multilayer composite piping system and stainless-steel pipes	<p>a. after the words beginning with “Use of copper pipe / tube....” and ending with “...inside the kitchen only.”, the following shall be added, namely: -</p> <p>“As an alternate to copper pipe/ tube, multi layered composite pipe complying with the requirements of ISO 17484-1 can also be used.”</p> <p>b. after the words beginning with “GI pipes and Copper tubing shall.....” and ending with “...Annexure-IV of this standard.”, the following shall be substituted with, namely: -</p> <p>“GI pipes, copper tubing and multilayer composite pipes shall conform to the requirements given in Annexure-IV of this standard.”</p> <p>c. after the words “PE pipe shall not be used for above ground gas pipes.” The following shall be added</p> <p>“unless it is specifically permitted in the regulations.”</p>
2		Wall mounted regulating system	<p>To be added at 4.4 (b) 6</p> <p>“For Wall mounted regulating system, safety features like crash guards, caging of facilities, etc. shall be provided. Further, the maximum outlet pressure shall be restricted up to 0.5 bar (g).”</p>
3	Schedule 1D: Table - 1 : Inter-distance between Facilities at CGS	Distances for gas fired heaters used for heating the refrigerated gas and Clear distance between two pipelines in same trench	No change in existing clause.

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4	<p>Schedule 1D: Distribution Pressure Regulating Station (DPRS) and Individual Pressure Regulating Station (IPRS)</p> <p>B. In Annexure – I : List of Specifications of Piping Materials used in CGD Network</p>	<p>Use of butterfly valves in place of ball valves in CGD network</p>	<p>A. In Schedule 1D, under the heading “Distribution Pressure Regulating Station (DPRS) and Individual Pressure Regulating Station (IPRS)”</p> <p>After the words beginning with “In case DPRS is located below ground, ...” and ending with “...module type with proper cathodic protection.”, the following shall be added, namely:</p> <p>“In case butterfly valves are used in underground DPRS, the same shall conform to the requirements given in Annexure – I. Further, a dedicated isolation valve shall be installed upstream of such underground skid.”.</p> <p>B. In Annexure – I, under the heading “List of Specifications of Piping Materials used in CGD Network”</p> <p>After the words “API 6D Pipeline Valves”, the following shall be added, namely:</p> <p>API 609: Butterfly valves: Double flanged, lug-type & wafer-type.</p> <p>EN 13774: Valves for gas distribution systems with maximum operating pressure less than or equal to 16 bar. Performance requirements</p> <p>BS EN 593: Industrial valves. Metallic butterfly valves for general purposes.</p>
5	<p>Schedule 1D: Piping beyond consumer meter set assembly to gas appliance</p>	<p>Piping connecting consumer meter set assembly to consumer gas appliance shall be either GI or copper up to last valve located near actual appliance. A metal seated leak detection cum excess flow shut off valve shall be provided near the appliance located at easily accessible location by the authorised entity. The valve shall be designed to shut off in case of sudden leakage of gas from the hose or in case of burner flame-off condition.</p>	<p>In Schedule 1D, under the heading “Piping beyond consumer meter set assembly to gas appliance”</p> <p>The text “A metal seated leak detection cum excess flow shut off valve shall be provided near the appliance located at easily accessible location by the authorised entity” should be amended as</p> <p>“A metal seated leak detection cum excess flow shut off valve may be provided near the appliance located at easily accessible location by the authorised entity.”</p>

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6	The draft guidelines for commercial customers for providing gas connections in completely enclosed buildings i.e. AC malls, basements, Multi-tier building etc.		Enclosed as "Annexure-I"
7	The draft guidelines for provisions for providing connection in high rise buildings		Enclosed as "Annexure-II"
8	PNGRB T4S Regulations for CGD Networks,2008 with Clause Numbers	For ease of reference a need was expressed by subcommittee members to provide clause numbers in the regulations	Enclosed as "Annexure-III"