

General Guidelines for Domestic PNG Installation

1. Gas Meters will normally be located inside the property on wall, and use of copper pipe is not allowed. The Kitchen is the preferred room to locate the meter thereby minimizing the length of the outlet pipe - work.
2. The meter shall be installed in an area with adequate ventilation & Gas pipeline not to be concealed
3. Pipeline route should not encompass any portion where pipe shall remain hanging after installation i.e., without any support. The support shall be a permanent structure like concrete wall.
4. As a guide, a minimum ventilation area of 2% of the internal floor area of the room must be provided in the room where the meter is located. The gaps under and around doors, windows and ventilators provide adequate ventilation to the rooms of normally occupied individual domestic dwellings.
5. Space near Meter installation & pipeline should not be used for storage of any cleaning chemicals, harsh chemicals, rubbish or any other material prone to create any safety hazard to the meter/ pipeline and/or blocking ventilation.
6. Meters must not be installed along a route that is used by more than one property as a means of a fire escape-i.e., a communal fire escape route.
7. The meter shall be installed at a proper location and height, so as to facilitate safe and convenient meter reading and maintenance activities in future.
8. Appliance Valve shall be fitted at least 100 mm above the kitchen platform level and at an easily accessible location.
9. Pipe/ meter shall be installed at a minimum distance of 300mm from any electrical point/cable, cooking appliance or gas heater the vicinity of any electrical utility.
10. Steel reinforced rubber hose is connected between AV and Appliance Length of flexible hose shall be kept minimum. Max. Length shouldn't exceed 1.5 meter.
11. Pipe work passing through flooring should take the shortest practicable route and must be sleeved.
12. All the specifications of should be in line with Petroleum & Natural Gas Regulatory Board (Under Ministry of Petroleum & Natural Gas) T4SE/ ASME B-31.8 Gas Transmission & Distribution
13. Pipe shall enter kitchen/ bathroom directly, without passing through any other room like living room, bedroom etc. However, any alternative open-to-atmosphere routes, regardless of the pipeline length involved, shall be acceptable.
14. Pipe shall not enter the kitchen/bathroom from the roof ceiling but always through vertical walls.
15. Service pipe in full or part there of shall not be camouflaged in the customer's premises and shall always be exposed or open to atmosphere.
16. Any customer owned pre-fit pipe is not acceptable i.e. technically unacceptable and cannot be used as HCG's gas carrier.
17. The location of kitchen shall be such that it has a provision of permanent ventilation of minimum size 35x35 sq. cm/ window or it may be a door-less kitchen.

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