



**Maharashtra Natural Gas Limited
Pune**

**GUIDELINE ON GAS GEYSER
INSTALLATION**

1. Gas Geyser Safety Features:

The Geyser must have following safety features

- ✚ Flame Failure Device
- ✚ Over-heat Protection Device
- ✚ Gas & Water stability Device
- ✚ Oxygen Depletion Sensor
- ✚ Incomplete Combustion Safety Device

2. Safety Precautions

- ✚ Always check the gas pipe connections, with soap solutions for leakages. If you smell the gas or suspect leak shut off the gas supply and open the windows immediately. Under such condition, ignitions, switching on/off the electric power supply are strictly prohibited to avoid explosion and fire.
- ✚ Check whether the flame is extinguished after each use. Always turn off the gas valve when not in use
- ✚ Check the gas tube regularly as it may age and crack after long period of use. Life of rubber tube is 1 years & recommended to be replaced after 1 year.
- ✚ Do not place inflammables like towel or cloth near the flue outlet or the air inlet.
- ✚ The gas geyser must be installed vertically.
- ✚ Get the whole unit checked regularly for any leaks.

3. Model Of Gas Geyser

Suitable brand of conforming to **IS 15558-2005** , MNGL is recommended the following brands

- ✚ RACOLD (M/s. Racold Thermo Limited , Pune)
- ✚ AQUA HOT (M/s. Apex Consumers Appliance Pvt. Ltd, Mumbai-Authorized representative of M/s. Suncrest Marketing LPP, Navi Mumbai)
- ✚ UJALA King , UJALA Diana ,Blow Hot (M/s. Gorani Industries Limited,Indore)
- ✚ VIP II ODS, SUPERB with ODS,MAXXO with ODS,SUMO with ODS. (M/s.Euro Alternative Power System (India) Pvt.Ltd.,Indore
- ✚ BAJAJ MAGESTY
- ✚ SURYA MAGIC

4. Gas Geyser Installation Procedure:

- ✚ Gas Geysers need to be installed in areas like kitchen, living rooms, utility rooms, halls and passageways where adequate ventilation can be achieved. The geyser place & pipeline route to be approved by “**Empanelled Contractor/Agency**” (Enclosed Annexure-IV). The inspection form needs to be accepted & signed by the customer.

- ✚ No gas geyser is permitted to be installed in bathrooms or concealed area.
- ✚ Installation of Geyser in bathroom may lead to accumulation of fumes which may result in suffocation / asphyxiation.
- ✚ Geyser should be of reputed brand having all the above mentioned safety features.
- ✚ The gas geyser switch should ideally be at such a height that it can be switched off easily.
- ✚ Do not install the gas geysers in places like open balcony, terrace etc. where adverse or strong wind may blow, causing flame to be put out or cause incomplete combustion.

5. Instruction to customers:

- ✚ Clean the water filter mesh regularly.
- ✚ When flame turns from blue to yellow with black smoke, contact the service center immediately or MNGL authorized personnel.
- ✚ Clean the soot on the ignition electrode regularly to ensure the successful ignition
- ✚ Always keep the cover of the heater clean.
- ✚ Check for Gas/water leak regularly.
- ✚ It is recommended that every six months the heat exchanger and burners are checked and serviced by authorized service personnel.

6. Location for gas geyser installation:

A] Gas geyser should only be installed in areas like –

- ✚ Kitchens, Living Room , Utility Rooms , Halls & passage way if flueing and ventilation can be achieved.
- ✚ Gas geyser should be installed at such a heights sothat it can be switched off easily.
- ✚ No gas geyser is permitted to be concealed.

B] Dangers Of Installing Gas geysers in Bath Room:

- ✚ Greater chances of accumulation of fumes inside the bathroom, which can lead to suffocation/Asphyxiation.
- ✚ It is not safe to run gas pipe across the length of the house as any leak from joints will be dangerous.