



ECO green[®]
Value the Ecology ...

**MANUFACTURER OF PNG REGULATOR
LPG REGULATOR & ADAPTERS**



www.ecogreenindia.net

Contact: 9833409596 / 9833534748



Office : Shop No.13, Indraprashtha Jal C.H.S, Satya nagar, Borivali (W), Mumbai-92.
Office : Shop No.10/11, Shree yamuna CHS, Mahavir Nagar, Kandivali (W), Mumbai-67.
Factory: Plot No.62/B, Shanti Sagar Resort Road, jambhul Village, Kalyan 421505, India

Today's fast-paced life, hectic work schedules and less time for household chores can sometimes lead to mishaps if proper care is not taken. safeguarding against the hazards LPG gas proves very important in every household. Technology and little awareness can avoid most of the kitchen mishaps resulting from gas leakage or other similar gas related problems. ECO GREEN beholds the same view and endeavors to safeguard lives of those who use LPG gas through its innovative fire safety devices.

ECO GREEN supported by professional technocrafts is an upcoming and fast-growing company from MUMBAI.

Why ECO GREEN

- An ISO 9001-2015 Certified Company Offering Internationally Acclaimed & Recognized Technology
- India's First Regulator With Flame Failure Cut Off Technology
- ECO GREEN Follows Stringent Manufacturing Practices And Ensures 100% Guaranteed Home Safe Products
- Wide Range Of Eye-Catching & Completely products.
- Cook Safe With ECO GREEN No More Gas Leakage

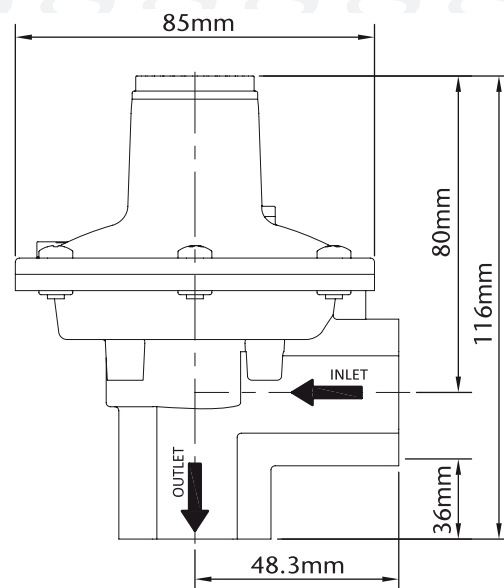
VISION: The company's vision is to outline strategic plans to introduce a range of products that promise to revolutionize both Indian and International markets. ECO GREEN with the support of its highly qualified team of engineers has developed innovative products for the vast LPG market.

ECO GREEN is the outcome of meticulous research and several years of testing by international scientists.

The company following stringent manufacturing practices has major expansion plans into LPG related sectors through its strong and capable R&D team of engineers. The company also aims at introducing innovative kitchen security solutions for households. We aim at creating safety awareness in domestic LPG users and provide high quality products.



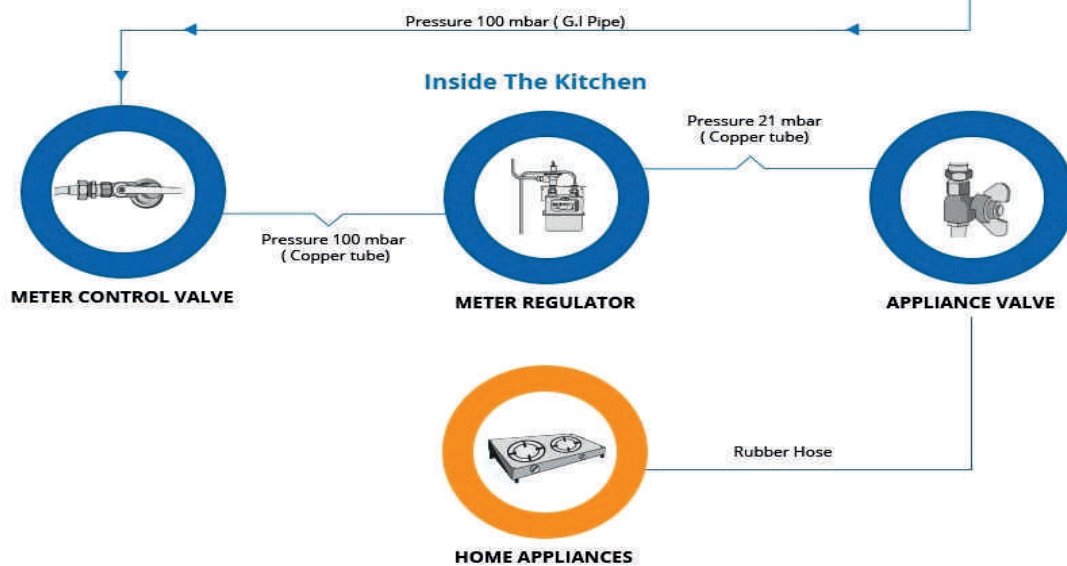
SINGLE STAGE LOW PRESSURE REGULATOR



Meter Regulators (Type A regulator) for use with natural gas at gas flow rates up to 2.5 m³/h. Regulator is in line with all the prevailing requirements of PNGRB Technical Standard & Specifications including Safety Standards. Regulators are suitable for installation with the diaphragm in the horizontal or vertical plane and shall be suitable for normal inlet pressures up to 4 bar or 100 mbar without change in performance when the inlet pressures returns to normal.

The Specification applies to independent regulators with right-angled inlet and outlet connections of $\frac{3}{4}$ " x $\frac{3}{4}$ " BSPT (female)

INSTALLATIONS



MATERIAL
Body : ALUMINIUM ALLOY
Spring: : Steel
Diaphragms: Approved

TECHNICAL FEATURES

GAS	OUTLET PRESSURE	CAPACITY	WORKING TEMPERATURES	INLET CONNECTIONS	OUTLET CONNECTIONS
LPG	21 MBAR	2.5 M ³ /H	-20? C to + 50? C	$\frac{3}{4}$ " OR 1" BSPT FEMALE	$\frac{3}{4}$ " OR 1" BSPT FEMALE

1 SCOPE

The Regulator B10M is two stage regulator for medium inlet pressure with high precision class and in accordance to EN 334 / EN88 specifications (compliance according to PED 97/23/CE art. 3.3).

2 DESCRIPTION

Design for use on Domestic or Industrial applications on Natural Gas used in cabinets, building gas line with or without meter for domestic or commercial applications.

3.1 SPECIFICATIONS

Working temperature: Standard use -20°C to +60°C

Inlet connection: ¾" Loose Nut

Outlet connection: 1" Loose Nut

B10M

3 TECHNICAL DATA

Body and cover : Die Cast Aluminum Alloy

Internal parts : Nitrile NBR, Stainless Steel, Brass, Aluminium

SPECIFICATIONS

Working temperature: Standard use -20°C to +60°C

Nominal Capacity up to 7.2 M3/Hr of Natural Gas at 0.5 Bar inlet pressure

Inlet connection: ½" Loose Nut

Outlet connection: ¾" Loose Nut

3.2 OTHERS

Maximum inlet pressure up to 6 Bar

It can be mounted in either position Horizontally or Vertically

Other Inlet and Outlet connections on request

Adjustable outlet pressure on request

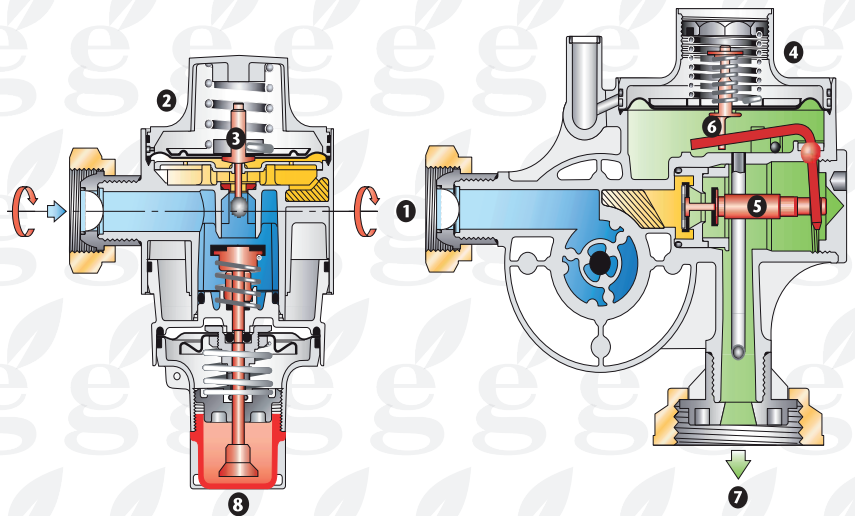
B6M



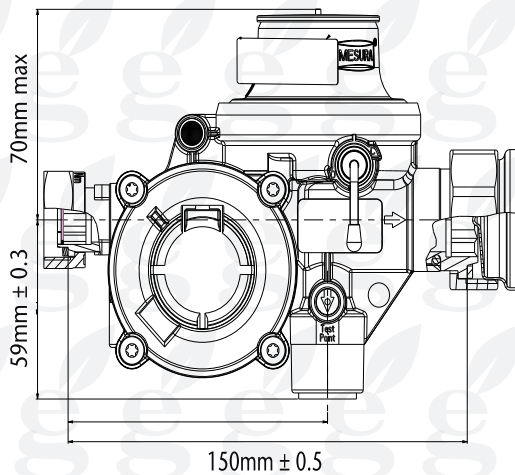
Upstream pressure	Downstream pressure	Flow rate
bar	mbar	B6
0,5 to 5	21 Mbar pre-setted	6 Nm ³ /h NG 3,8 Nm ³ /h Propane or 7,6 kg/h Propane

SECTIONAL VIEW

- ❶ - Inlet
- ❷ - First-stage pressure regulation
- ❸ - First-stage control valve
- ❹ - Second-stage pressure regulation
- ❺ - Second-stage control valve
- ❻ - Pressure relief valve
- ❼ - Outlet
- ❽ - Slam Shut Valve



3.3 OVERALL DIMENSIONS B6M



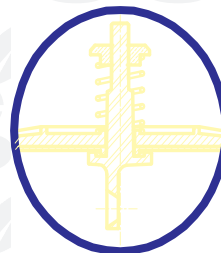
3.4 SAFETY SYSTEMS

Over Pressure Slam Shut Valve
Under Pressure Slam Shut Valve
Excess Flow Slam Shut Valve
Slam Shut due to 2nd stage diaphragm bursting
Integrated Automatic Relief Valve
Filter at the inlet of the regulator
All shut-off device are with manual reset

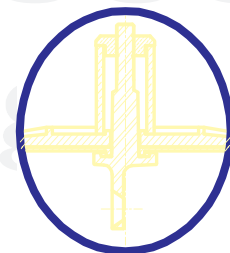
Pressure relief valve

This pressure relief valve can be provided with an adjustable safety device or without safety device. In this latter case the relief function is nullified.

ADJUSTABLE SAFETY DEVICE



WITHOUT SAFETY DEVICE





PRODUCT DESCRIPTION

The regulator is designed to be connected directly to the cylinder valve and through the flexible hose, to the utilization appliance. It is a single stage low pressure regulator suitable for most domestic appliances. This is constructed to control the prevailing cylinder pressure reducing it directly down to the service pressure.

SAFETY DEVICES

EXCESS FLOW CHECK VALVE

This is equipped with excess flow check valve is a device integral with regulator which causes the shut off of the gas flow for values of flow rate above the rated capacity i.e. 500 L/H of LPG Vapour.

INSTALLATIONS



VALVE SIZE Ø 25.6 MM

MATERIAL

- Body : Die Cast Zinc/Painted
- Spring : : Steel
- Diaphragms: Approved

TECHNICAL FEATURES

GAS	OUTLET PRESSURE	CAPACITY	WORKING TEMPERATURES	INLET CONNECTIONS	OUTLET CONNECTIONS
LPG	0.5 Kgf/cm ²	500 L/H	20° C to + 65° C	Ø 25.6 mm valve	6.4 mm RUBBER TUBING

SINGLE STAGE ADAPTOR



PRODUCT DESCRIPTION

The Adaptor is designed to be connected directly to the cylinder valve and through the flexible hose or 3/8" brass nut, to the utilization appliance. It is a single stage adaptor suitable for the commercial appliances. This is constructed to directly to the service pressure.

INSTALLATIONS



VALVE SIZE 25.6 MM and VALVE SIZE 22 MM

MATERIAL

Body : Die Cast Zinc/Painted

Spring : : Steel

Diaphragms: Approved

TECHNICAL FEATURES

GAS	OUTLET PRESSURE	WORKING TEMPERATURES	INLET CONNECTIONS	OUTLET CONNECTIONS
LPG	Upto 17 kgf/cm ²	-20° C to + 65° C	Ø 25.6 mm, Ø 22 mm valve	6.4 mm RUBBER TUBING or 3/8" Brass Nut

OUR BUSINESS NETWORK



Certificates



Certificate of Registration

This certificate has been awarded to

Eco Green

Plot No. 62/B, Shanti Sagar Resort, Near Jambhul Gaon, Next to Soap Factory, Ambemath, Maharashtra, 421505, India

in recognition of the organization's Quality Management System which complies with

ISO 9001:2015


The scope of activities covered by this certificate is defined below

Manufacture of all Types of High Pressure / Low Pressure Regulators / Consumables of LPG / PNG / CNG Cylinder and Gas Pipelines

Certificate Number: 105997/A/0001/UK/En
Date of Issue: (Original) 01 March 2019
Date of Issue: 01 March 2019
Issue No: 1
Expiry Date: 28 February 2022

Issued by:  On behalf of the Schemes Manager



Udyog Aadhaar

B

Udyog Aadhaar Memorandum

1. Aadhaar Number: 5605636180
2. PAN Number: AAEF643A
3. Name of Entrepreneur: SACHIN SALESH GHELANE
4. Social Category of Entrepreneur: GENERAL
5. Gender: Male
6. Physically Handicapped: No
7. Name of Enterprise: ECOGREEN
8. Type of Organisation: Partnership
9. Location of Plant Details

10. Plant Details


No.	Name of Premises/Building/Village	Road/Street Lane	Area/Locality	City	Pin	State	District
1	Plot No. 62/B, ECO GREEN, SURVEY NO. 30/2017, SHANTI SAGAR RESORT ROAD, AMBEMATH, AMBEMATH		VILLAGE: AMBEMATH, AMBEMATH	MUMBAI	421505	MAHARASHTRA	MUMBAI SUBURBAN

11. Date of commencement: 21/07/2011
12. Previous Registration details if any: 21/07/2011
13. Bank Details: IFS Code: HFC0000028, Bank Account: 9020005878784
14. Major Activity: MANUFACTURING

15. NIC 2 Digit: 2420 - Manufacture of basic metals
16. NIC 4 Digit: 24203 - Manufacture of base precious and other non-ferrous metals
17. Persons employed: 10
18. Investment (Plant & Machinery/Equipment): 500Rs. In Lakhs
19. District Industry Centre: MUMBAI CITY

Declaration: I hereby declare that information given above is true to the best of my knowledge. Any information that may be required to be verified, shall be provided immediately before the concerned authority.

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Petroleum and Explosives Safety Organisation

(Formerly - Department of Explosives)

"ए-ब्लॉक", चौथा तल, केन्द्रीय कार्यालय परिसर, सेमिनरी हिल्स, नागपुर - 440 006 (महाराष्ट्र)

Seminari Hills, Nagpur - 440006

संख्या /No. G.3 (44)139
दिनांक /Nagpur, dated: 07/01/2019

To, M/s. Eco Green,
Shop No 10/11, Shree Yamuna Chs,
Mahavir Nagar, Kandivali (West),
Mumbai - 400067

Sub: Manufacture of Low pressure LPG regulators of 25.6 mm size conforming to IS: 9798:2013 Specification under BIS certification Marks Scheme at your works at Sy No. 62/b, Shantisagar Resort Road, Village - Jambhul, Taluka Kalyan, Ambemath(West) - 421505 District Thane - regarding.

Dear Sirs,

Further to the joint inspection carried out by the Jt. Chief Controller of Explosives, West Circle, Mumbai and BIS, Mumbai on 03/10/2018, there would be no objection to your manufacturing the subject regulators as per drawings Nos. ECOGREEN/REG/103/2018 to ECOGREEN/REG/128/2018, ECOGREEN/REG/101-A/2018, ECOGREEN/REG/101-B/2018 and ECOGREEN/REG/102/2018 & Site layout plan under BIS Certification Marks Scheme.

A copy of certificate issued by BIS in respect of each batch of the regulators manufactured and supplied by you to the various parties from time to time may please be furnished to this office for record.


No change in the setup of your qualified and experience of the personnel and plant and machinery shall be effected without prior approval of this office.

This permission can be withdrawn at any time if the manufacture of the LPG regulators is found to be done not in accordance with the provisions of the Gas Cylinders Rules, 2016 and as per design drawings approved.

The permission is valid for a period upto 30/09/2019, which may be extended further on submission of renewal application along with all the documents & fees on or before expiry of this approval as per Rule 55(9) of Gas Cylinder Rules, 2016.

Your Faithful,
(V. K. Mishra)
Dy. Chief Controller of Explosives
For Chief Controller of Explosives

Copy forwarded to :-
1) The Jt. Chief Controller of Explosives, West Circle, Mumbai
2) M/s. The Director, Bureau of India Standards, Manakalaya, E-9, Road No 8, MIDC, Andheri (East), Mumbai - 400093.
For Chief Controller of Explosives



Government of India

Form GST REG-06

[See Rule 16(1)]

Registration Certificate

Registration Number: 27AAEF6430A1ZU

1. Legal Name	ECO GREEN		
2. Trade Name, if any	ECO GREEN		
3. Constitution of Business	Partnership		
4. Address of Principal Place of Business	GROUND FLOOR, SHOP NO.10/11 BLDG 1, SHREE YAMUNA CHS LTD, BORSAPADA ROAD, KANDIVALI,		
5. Date of Liability	01/07/2017		
6. Period of Validity	From	01/07/2017	To
7. Type of Registration	Regular		
8. Particulars of Approving Authority			
Signature			
Name			
Designation			
Jurisdictional Office			
9. Date of issue of Certificate	22/09/2017		

Note: The registration certificate is required to be prominently displayed at all places of business in the State.

This is a system generated digitally signed Registration Certificate issued based on the deemed approval of the application for registration.

OUR PRODUCT

