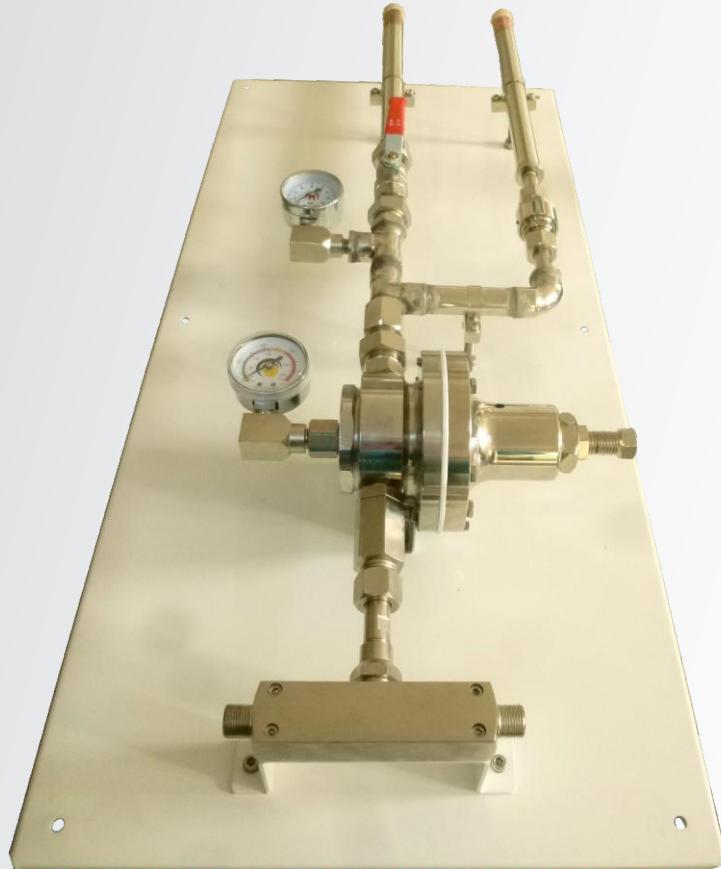


# EMERGENCY SUPPLY SYSTEMS



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- This is a low capacity, manual controlled manifold which can be entered into operation during the maintenance or failure of the system.
- It supplies oxygen, nitrous oxide and medical air requirements of hospitals temporarily.
- It has no automatic changeover and has just one regulator.



High Pressure Regulator



Safety Valve

## High Pressure Regulator

The high pressure regulator reduces the pressure of the high pressure gas from the tubes to the pressure that can be controlled by the second pressure reducing regulators. High pressure regulator flow capacity varies according to hospital capacity. Maximum working pressure is 250 bar. Adjustable output pressure value is 0-12 bar. The factory-set output pressure is 7-8 bar.



Flexible Connector



Tail Pipe

## Safety valve

There are two safety valves on the right and left sides, after high pressure regulators. The safety valves operate when the pressure in the high pressure regulators increases to 12-13 bar and the gas is discharged into the atmosphere.



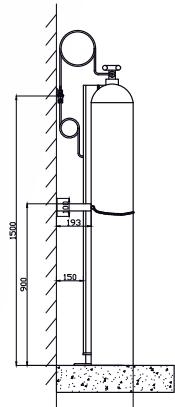
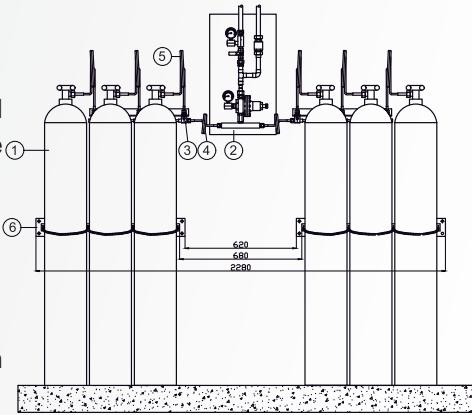
Header

**Header**  
For each cylinder connection, there is a hot forged brass made tail pipe and non-return valve which prevents back-flow of the gas. They provide connection between pigtails and plant.



Cylinder Task

**Cylinder Task**  
Cylinder Rack is used to support and fix the cylinders on the headers. The cylinders are secured by means of chains to prevent them being dislodged and cause a danger to the users and the system.



## Tail Pipe

These are manufactured from Ø8x2 mm Medical Copper pipe and suitable for the connection between the Plant Header and the cylinders.

They are tested at 250 bar pressure.

## Flexible Connector

Flexible Connection between Ramp and Panel:  
Ø 8x2 mm Medical Type Copper Pipe is used. It is located between Ramp& Panel. Flexible Connection between Ramp & Ramp:  
Ø 8x2 mm Medical Type Copper Pipe is used. It is located between Ramp & Ramp.

## Factory

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