

85. REGULAR OXYGEN LSP# 170-020 WITH LIGHT WEIGHT OXYGEN CYLINDERS

Specifications.

Qualitative Requirements	Picture of Equipment
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Oxygen cylinder

- a) The medical Oxygen cylinder should be made of high quality
 - * Strength of aluminium alloy with heat sensitive coating.
 - * Capacity: 425 litres
- b) It should be duly approved by the Chief controller of Explosive (CCE) at Nagpur.
- d) The system should be rust proof.
- e) The refilling procedure should be risk free & simplex, with the help Of portable refilling station complete with pressure gauge to show filling pressure.
- f) All fittings should be leak proof.
- g) in built pressure gauge system to be provided with the cylinder.
- h) The medical Oxygen cylinder & all other fittings should be hygienic & free from contamination.
- i) Finishing should be standard seamless aluminium with clear coat of heat sensitive powder paint.

Regulator

- j) Accessories: high pressure regulator, flow meter, connecting tube of 3 meter length, nasal cannula and non rebreather mask-adult and infant sizes, carry pack with back harness;
- k) Compatible with light weight oxygen cylinder
- l) Flow regulation of 0- 20 L/minute
- m) Outlet compatible with nasal cannula/non rebreather mask
- n) Control valve should be designed to provide calibrated flow of oxygen at a pressure of 16 PSIG to 70 PSIG depending on the application.
- o) The regulator must be made of anodized aluminium composite material.
- p) The pressure indicator on the valve must be protected by rubber- o – ring.
- q) The weight of the regulator inclusive flow meter system should not exceed 310 gms.
- r) The length of the regulator should not exceed 10 cm & diameter not to be more than 4 cm.
- s) Hypoallergenic surgical micro pore adhesive tape

