

Pressure Vessel

PCPL supplies CO₂ tanks for various applications. All CO₂ tanks are of cylindrical design and fully assembled and ready for operation. Design code of CO₂ tank shall be as per IS 2825 / AMSE Sec VIII div – 2 (Latest). Vessel Moc: SA 516 Gr. 60/70 (Low temp carbon steel), Flange MOC: SA 350 LF2 (Forged Low temp), Nozzle Pipes: GA 106 Gr. B / SA 333 Gr. 6 and Manhole flange Moc: SA 350 LF2 (Forged Low temp.) The CO₂ tanks are manufactured from fine-grain carbon steel, especially suitable for low temperature operation. The tanks are insulated to reduce heat loss. The tanks can be insulated with prefabricated polystyrene blocks or by injection of polyurethane foam. The insulation can take place prior to shipment or on-site. Storage Tank Unit (STU) for storage of pure liquid CO₂ from CO₂ plants with cooling system designed to maintain tank pressure.

Available in Standard Sizes of 5/10/15/20/25/50 and 100 Tons

Customer Tank Unit (CTU) for storage of pure liquid CO₂ where no cooling source is available. The unit is a stand-alone unit with a refrigeration unit, CO₂ content indicator and controls (photo).

Available in Standard Sizes 5/10/15/20/25/50 and 100 Tons.

Transport Tank Unit (TTU) for transportation of pure liquid CO₂. The unit includes a pump unit for loading/ unloading the CO₂.

Available in Standard Sizes of 12/16 Tons



