

Liquid CO₂ Storage Tank

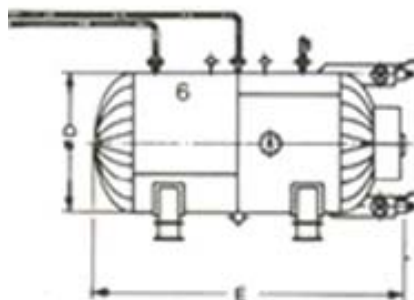
'MELLCON' the premier organisation in the manufacturing of pressure vessels and approved by all major consultants in India now offer Skid mounted LIQUID CO₂ STORAGE TANKS (Carbon dioxide gas Storage Tanks) having the storage capacity range from 3,000 kgs to 40,000 kgs of liquid carbon dioxide.

These are designed as per the recommendations in IS-2825 / ASME Sec VIII DIV - 1 codes and the material of construction are SA-516/ IS-2062/ IS-2002/SS-304 or as per the specific requirement of the customer. The vessel can be horizontally and vertically mounted with 175 mm thick Insulation and aluminum cladding. The surfaces are wire brushed and sand blasted before painting. The painting is done with 2 coats of zinc chromate primer followed by 2 coats of enamel paint.



The vessels are stagewise inspected by our Inspection engineers as per the recommendations of the relevant code and the Chief controller of explosives norms. All welding are performed by qualified welders only. Finally it is hydro tested and de-hydrated with dry nitrogen. MELLCON also offers these tanks under any third party inspection according to customers specific requirement.

These storage tanks are equipped with all standard instruments and controls like safety valves, Pr. gauges, Pump, Valves, Piping, Drains, Pr.Regulators, Control panel and Refrigerated vapour recovery systems, etc. Optionally a Digital weighing scale can also be supplied as an integral part.



OVER ALL SIZES				
CAPACITY (TONNES)	LENGTH (MTR)	WIDTH(MTR)	HEIGHT(MTR)	EMPTY (KG) APPROX.
3.4	3.5	1.8	2.1	3400
5.4	4.5	1.8	2.1	4100
12.7	6.3	2.2	2.5	6400
16.0	7.5	2.2	2.7	7500
23.6	10.5	2.2	2.8	10700
27.3	12.0	2.2	2.8	12200