

Liquid CO₂ Storage Tank



MELLCON' the premier ISO - 9000 organization in the manufacturing of pressure vessels and approved by all major consultants in India now offer Skid mounted pre-engineered tankage for LIQUID CO₂ STORAGE TANKS (Carbondioxide gas Storage Tanks) having the storage capacity range from 3,000 kgs to 50,000 kgs of liquid carbon dioxide duly approved by Chief Controller of Explosives as per

[SMPV Rules. \(pdf\).](#)

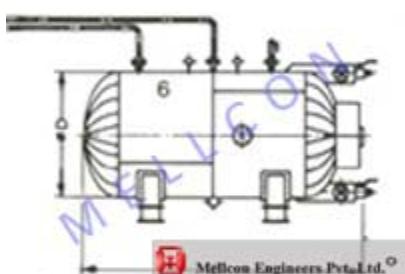
These are designed as per the recommendations in IS-2825/ASME Sec VIII DIV - 1 codes and the material of construction are SA-516/ IS-2062/ IS-2002/SS-304 or as per the specific requirement of the customer meeting all the Requirements .

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 stage wise 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 optional accessories like Refrigerated vapor recovery systems, Vaporizers , Pressure reducing Station etc.etc. Optionally a Digital weighing scale can also be supplied as an integral part.



Estimated OVER ALL SIZES (Approx)

CAPACITY (TONNES)	LENGTH (Mtrs)	WIDTH(Mtrs)	HEIGHT(Mtrs)	EMPTY wt. (KG APPROX.)

3.0	3.5	1.5	2.0	3400
6	4.5	1.8	2.2	4100
12	6.0	2.2	2.5	6400
16	7.5	2.2	2.7	8500
24	9.5	2.4	2.8	14700
30	12.0	2.6	2.8	20000
40	11	3.0	3.6	22000
50	12	3.2	3.8	25000
60	14	3.2	4.0	28000
80	16	3.4	4.2	31000
100	18	3.6	4.4	34000

Contact For Dryers

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