

CRYOGENIC LNG TANKS TRANSPORT TANKS

DESIGN CODE	EN 13530 + ADR
MAX. ALLOWABLE WORKING PRESSURE	6 bar
DESIGN TEMPERATURE	-196°C
INNER VESSEL MATERIAL	Stainless Steel (According to EN 10028-7)
OUTER VESSEL MATERIAL	Carbon Steel (According to EN 10025/EN10028-3)
INSULATION	Super Insulation & Vacuum

BOBTAIL

TANK VOLUME	m ³	25	30
NET WATER CAPACITY	lt	25230	30000
TANK EMPTY WEIGHT	kg	6400	7500
LIQUID (0.5 barg)	kg	10320	12276

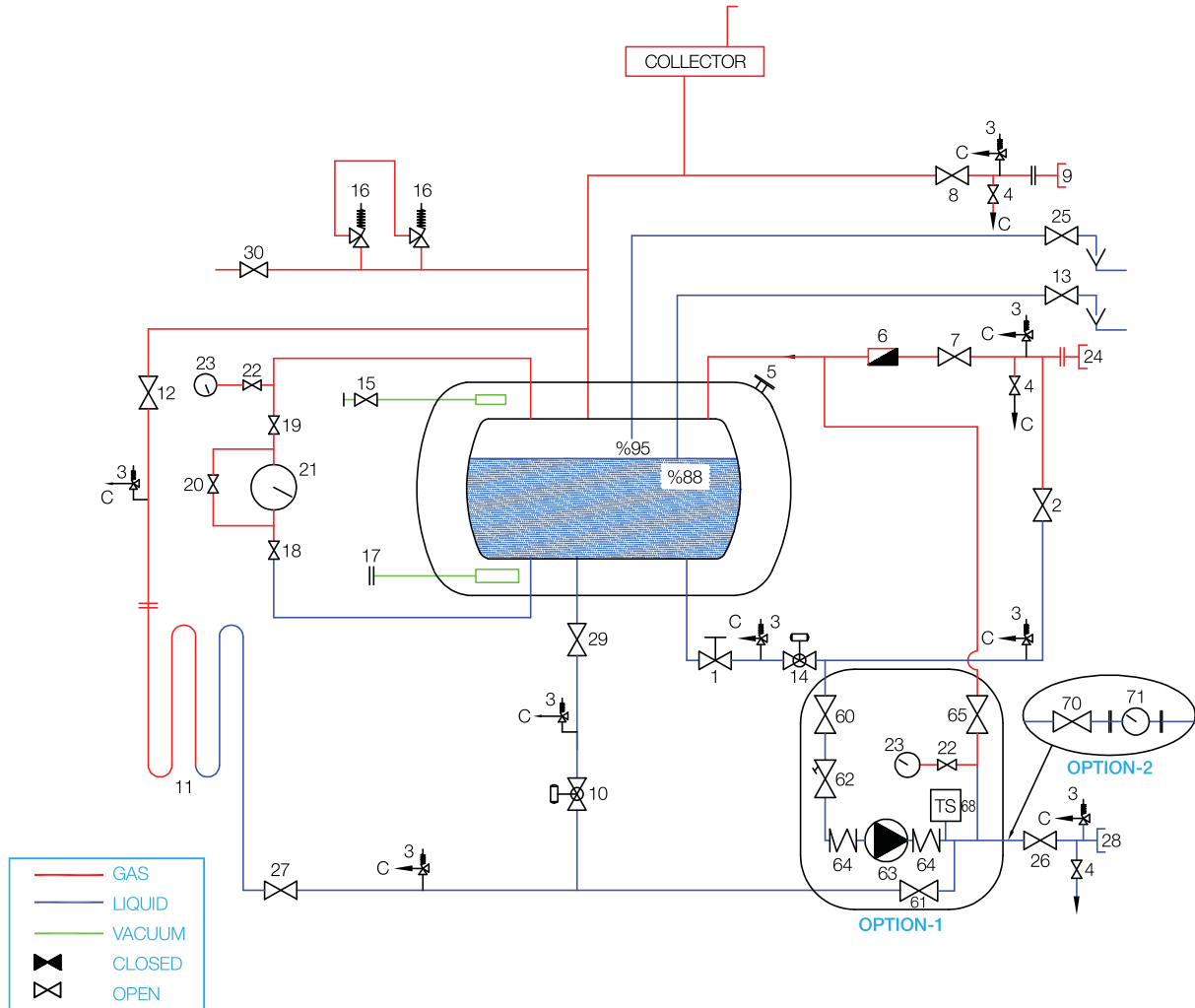
SEMI-TRAILER

TANK VOLUME	m ³	50	52
NET WATER CAPACITY	lt	49600	51950
TANK EMPTY WEIGHT	kg	12700	13400
LIQUID (0.5 barg)	kg	20300	21260
TOTAL	kg	40000	41660



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LNG Transport Tanks P&ID



Cryoteknik reserves the right to change above specifications without prior notice.

NOMENCLATURE

1	Bottom fill isolating valve	16	Inner vessel safety relief valve	Option-1 Pump system	
2	Bottom fill valve	17	Evacuation connection	22	Pressure indicator valve
3	Thermal relief valve	18	High pressure shut off valve	23	Pressure indicator
4	Purge valve	19	Low pressure shut off valve	60	Pump suction valve
5	Vacuum safety device	20	Equalizer valve	61	Pressure build-up valve
6	Non return valve	21	Level indicator	62	Filter
7	Top fill valve	22	Pressure indicator valve	63	Pump
8	Vapor equalizing valve	23	Pressure indicator	64	Expansion joint
9	Vapor equalizing connection	24	Fill connection	65	Gas purge valve
10	Emergency shut off valve	25	Try cock valve	68	Temperature probe safety device
11	Pressure building coil	26	Liquid withdrawal valve		
12	Vapour outlet valve for (PBC)	27	Pressure build-up valve	Option-2 Flow meter system	
13	Try cock valve	28	Liquid withdrawal connection	70	Flow meter isolating valve
14	Emergency shut-off valve	29	Isolating valve for PBC	71	Flow meter
15	Evacuation valve	30	Vapor vent valve		