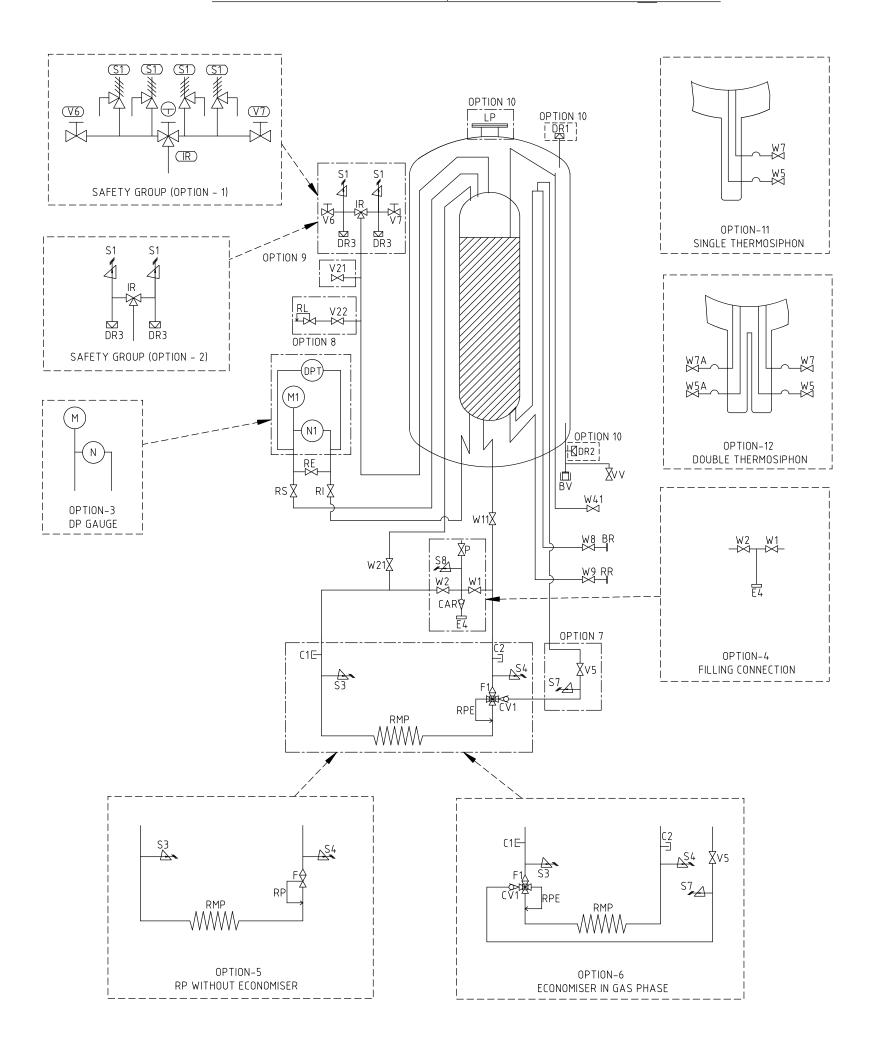
FLOW SCHEME FOR LIN, LOX & LAR TANK__17 bar



SL NO	DESCRIPTION	SYMBOL	SIZE	
1	CONNECTION FLANGE/ COUPLING	BR	-	
2	VACUUM PUMP DOWN CONNECTION	BV	DN28	
3	CHECK VALVE	CAR	-	
4	CHECK VALVE	CV1	-	
5	THREADED/ WELDED/ FLANGED CONN.	C1 – C2	DN15	
6	LIQUID LEVEL TRANSMITTER	DPT	-	
7	VACUUM BURSTING DISC	DR1	-	
8	VACUUM BURSTING DISC	DR2	-	
9	INNER VESSEL BURSTING DISC	DR3	-	
10	FILLING COUPLING	E4	DN40/ DN25	
11	STRAINER	F1/ F	-	
12	3 WAY DIVERTOR	IR	DN40/20	
13	PRESSURE GAUGE	M1 /M	-	
14	LIQUID LEVEL GAUGE	N1/ N	-	
15	PURGE VALVE	Р	DN15	
16	LIQUID LEVEL MANIFOLD, EQUALIZER	RE	-	
17	LIQUID LEVEL MANIFOLD, LIQUID	RI	-	
18	PRESSURE LIMITER	RL	-	
19	PRESSURE BUILD-UP VAPORISER	RMP	-	
20	PRESSURE REGULATOR & ECONOMIZER	RPE	1/2"	
21	LIQUID USE CONNECTION	RR	-	
22	VESSEL SAFETY VALVE	S1	DN15/ DN20	
23	LIQUID GAUGE MANIFOLD, GAS	RS	-	
24	THERMAL EXPANSION VALVE	S3 - S4	1/4"	
25	THERMAL EXPANSION VALVE	S6	1/4"	
26	THERMAL EXPANSION VALVE	S7	1/4"	
27	THERMAL EXPANSION VALVE	S8	1/4"	
28	VACUUM VALVE	VV	-	
29	GAS PURGE	V21	DN15	
30	ISOLATING VALVE	V22	DN15	
31	ECONOMIZER ISOLATING VALVE	V5	DN15	
32	VENT VALVE FOR SAFETY TREE	V6 - V7	1/4"	
33	FILLING LIQUID	W1	DN40/ DN25	
34	DOUBLING FILLING LIQUID	W11	DN40/ DN25	
35	FILLING GAS	W2	DN40/ DN25	
36	DOUBLING FILLING GAS	W21	DN40/ DN25	
37	FULL TRYCOCK	W41	DN15	
38	GASE USE	W8	DN40/ DN25	
39	LIQUID USE	W9	DN40/ DN25	
40	LIFT PLATE	LP	-	
41	PRESSURE REGULATOR	RP	1/2"	
42	PUMP RETURN VALVE	W7/ W7A	DN20	
43	PUMP FEED VALVE	W5/ W5A	DN20	

1. For Thermoshiphon and Tanks without RPE line W8 shall be an option if needed
2. All Lines shall be modified based on customer requirements if needed without affceting the Vessel safety
3. S1 to S8, DR1 to DR3 and LP are the Elements Impotant for safety (EIS)

0	02.05.2016	FIRST ISSUE			
·	02.00.2010	TINOT 1000E	S.HARISH	V. KEVAL	R.K. MAHHAMURTHY
Rev.	DATE	DESCRIPTION	DRAWN BY	CHECKED BY	APPROVED BY
UNLESS OTHERWISE STATED : Dimensions in mm		Genaral torelances of machined parts: SD 2766 - mK Ra 3,2 Dimensional tolerances and ongular parts sheet metal, boiler ± 0.5mm per meter 2 0 3		This document is the property of CRYOLOR, pole industrial ENNERY. It is delivered as strictly confidential. It can not be reproduced or communicated without permission.	
Manufacturing tolerances following NH63029				CRYOLOR	
]	FLOW SCI	HEME FOR CA/RVTA -	100 KM Mile stone NH Perumperkandigai Villag Kancheepuram dist – 603 3	PACIFIC	
No of FAC):	PAGE 1 OF 1 Scale Size 1:10 A3	Project number As Applicable	_	per with revision 90 Rev. 0