

REFERENCE LIST FOR PRESSURE VESSELS (EXECUTED IN LAST 10 YEARS)
(DESIGNED, MANUFACTURED & TESTED AS PER ASME SEC. VIII DIV-1)

Sr. No.	Item Description	AFPL Job No.	CLIENT / END USER	Consultant	TPI Agency	Dia. Meters	Inlet	Outlet	Weight Tons	MOC	Design Temp (°C)	Design Pre. kg/cm ² g	Test Pre. kg/cm ² g	Note
1	Water Seal Drum	J-6072	Punj Lloyd Ltd. / ISPRL Mangalore	Triune / EIL	TUV	1.6	20"	20"	6.092	SA 516 GR 70	65	3.5	4.55	
2	Molecular Seal	J-6071	GAIL (India) Ltd.	EIL	EIL	3.86	72"	66"	14.76	SA 240 TP 316L	180	3.5	1.774	
3	Molecular Seal	J-6059	Toyo India Ltd. / ISRL Panipat	-	LRIS	1.372	24"	24"	2	A 516 GR 70	-	-	1.5	
4	Water Seal - cum - Knock Out Drum					2.7	24"	24"	13.437	SA 516 GR 70	270	3.5	4.55	
5	Molecular Seal	J-6052	OMPL Mangalore	TOYO	Toyo	4.09	70"	70"	13.35	SA 240 TP 316L	-	-	1.5	
6	Stack Riser					1.829	72"	70"	44	SA 516 GR 70	315	3.5	5.25	(*)
7	Water Seal Drum					3.8	66"	72"	21.053	SA 516 GR 70	315	3.5	4.55	
8	Fuel Gas KO Drum					1.0	2"	2"	2.88	SA 516 GR 70	120	4.7	6.11	
9	Molecular Seal	J-6032	Nagarjuna Oil Corp. Ltd.	UHDE	TUV	4.77	84"	84"	17.7	SA 240 TP 304	-	-	1.5	
10	Water Seal Drum					4.3	72"	84"	33.798	SA 516 GR 70	300	3.5	4.55	
11	Knock Out Drum	J-6030	L&T Ltd./ NFL Panipat & Bhatinda	PDIL Noida	TUV	3.7	40"	40"	15.15	SA 516 GR 70	390	3.7	6.016	
12	Knock Out Drum					2.0	18"	20"	4.269	SA 516 GR 60 (IT)	-33 / 172	3.7	6.519	
13	Knock Out Drum	J-6031	L&T Ltd./ NFL Panipat & Bhatinda	PDIL Noida	TUV	3.7	40"	40"	15.15	SA 516 GR 70	390	3.7	6.016	
14	Knock Out Drum					2.0	18"	20"	4.269	SA 516 GR 60 (IT)	-33 / 172	3.7	6.519	
15	Knock Out Drum	J-6021	Essar Projects Pvt. Ltd / Matix Fert. &	PDIL Noida	BV	3.7	60"	60"	17.016	SA 516 GR 60/70	375	5.1	7.44	
16	Knock Out Drum					2.2	30"	30"	4.423	SA 516 GR 60/70 (IT)	-33 / 160	3.6	4.68	
17	Water Seal Drum	J-6019	Ace Energy Infra. / ONGC (GGS-III, Lanwa)	Prescient Energy	ABS & BV	1.2	14"	14"	6.739	SA 516 GR 70	100	3.5	4.55	
18	Water Seal Drum	J-6017	KazStroy Services Infra. / ONGC (Konaban GCS, Tripura)	Mott Macdonald	ABS & BV	1.6	16"	16"	3.862	SA 516 GR 70	-2 / 65	3.5	4.55	
19	Molecular Seal	J-6012	Tecnimont ICB / NFL Naya Nangal	PDIL Noida	TUV	2.363	42"	40"	5.5	SA 516 GR 70	-	-	3.85	
20	Knock Out Drum					4.0	36"/ 30"	36"	25.570	SA 516 GR 70	401	3.5	6.06	
21	Molecular Seal					1.93	34"	46"	3.5	SA 516 GR 70	-	-	3.85	
22	Knock Out Drum					2.0	30"/ 24"	30"	7.966	SA 516 GR 70	-28 / 206	3.5	4.55	
23	Knock Out Drum	J-6009	L & T Ltd. / GNFC, Bharuch	PDIL Vadodara	PDIL	3.7	40"	34"	15.381	SA 516 GR 70	390	3.43	V: 5.51 H: 6.1	

AIROIL FLAREGAS PVT. LTD.

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24	Molecular Seal	J-5989	GNFC Bharuch	KBK Chem-Engg.	BVIS	1.152	20"	18"	1.17	SA 240 TP 316	-	-	1.5	
25	Water Seal Drum					1.35	24"	20"	3.6	SA 240 TP 316	210	3.5	4.842	
26	Water Seal Drum	J-5968	IOCL Barauni	-	DNV	1.2	8"	8"	2.280	SA 516 GR 70	325	3.5	4.55	
27	Knock Out Drum	J-5964	GSFC Vadodara	PDIL Vadodara	PDIL	3.1	20"	28"	11.6	SA 516 GR 70	430	3.5	7.374	
28	Water Seal Drum	J-5942	GNFC, Bharuch (Dahej project)	IBIC Engg.	GNFC/IBIC	2.1	28"	28"	6.965	SA 516 GR 70	250	4.065	6.0975	
29	Knock Out Drum					3.02	28"	28"	11.044	SA 516 GR 70	250	4.065	6.0975	
30	Molecular Seal	J-5936	MRPL Mangalore	EIL	EIL	4.32	86"	70"	14.5	SA 240 TP 316L	220	3.5	3.85	
31	Water Seal Drum	J-5923	IOT Infra. & Energy Services / ISPRL Vizag	Jacobs / EIL	SGS	1.6	20"	20"	3.845	SA 516 GR 70	100	3.5	4.55	
32	Molecular Seal	J-5844	HPCL-MITTAL Energy Ltd. (GGSRL Bathinda)	EIL	EIL	4.32	76"	68"	14.5	SA 240 TP 316L	250	3.5	3.85	
33	Water Seal Drum	J-5806	Tata Projects Ltd. / ONGC Olpad GCS	Pyramid	TPL & ONGC	1.2	8"	8"	2.936	SA 516 GR 70	80	3.5	4.55	
34	Knock Out Drum					1.516	10"	10"	2.225	SA 516 GR 70	250	4.065	5.28	
35	Knock Out Drum	J-5754	Technip India Ltd./ TCI Sanmar LLC, Egypt	Technip	TPIL	1.232	16"	16"	1.6	SA 240 TP 316	-104 / 120	3.5 + 0.5 St Head	4.55	
36	Water Seal Drum	J-5679	GNFC Bharuch	Lurgi	GNFC & BVIS	1.72	18"	20"	5.35	SA 516 GR 70	200	3.569	4.64	
37	Knock Out Drum					2.832	18"	18"	11.2	SA 516 GR 70	200	10.147	13.256	
38	Water Seal Drum	J-5656	Sopan Projects / GEECL Asansol	Mecon	BVIS	1.2	8"	8"	3.45	SA 516 GR 70	75	6	7.85	
39	Knock Out Drum					1.5	10"	8"	3.65	SA 516 GR 70	75	6	7.85	
40	Water Seal Drum	J-5639	L&T Ltd./ ONGC, Assam (Rudrasagar GGS II)	L&T	BVIS	1.204	10"	10"	3.3	SA 516 GR 70	65	3.4	4.55	
41	Expansion Joint	J-5636	Relinace Industries Ltd.		Bureau Veritas	2.743	108"	108"	28.14	SA 516 GR 70 / SS 304H	788	4.4	6.6	(*)
42	Expansion Joint					1.981	78"	78"	21.41	SA 516 GR 70 / SS 304H	788	4.4	6.6	(*)
43	Expansion Joint					1.981	78"	78"	21.41	SA 516 GR 70 / SS 304H	788	4.4	6.6	(*)

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44	Water Seal Drum	J-5611	Naftogaz India Ltd / IOCL Panipat (PNCP EPCC-9)	TPKTI / EIL	DNV	6.67	72"	72"	59.112	SA 516 GR 70	250	3.5	4.55	
45	Molecular Seal					3.66	60"	60"	7.1	SA 240 TP 316L	250	3.5	1.5	
46	Fuel Gas KO Drum					1.0	6"	6"	3.0	SA 516 GR 70	65	8.1	10.53	
47	Water Seal Drum					7.022	76"	76"	63.91	SA 516 GR 70	250	3.5	4.55	
48	Molecular Seal					3.66	60"	60"	7.1	SA 240 TP 316L	250	3.5	1.5	
49	Fuel Gas KO Drum					1.0	6"	6"	3.0	SA 516 GR 70	65	8.1	10.53	
50	Water Seal Drum					1.2	24"	24"	3.3	SA 516 GR 70	250	3.5	4.55	
51	Fuel Gas KO Drum					1.0	3"	3"	3	SA 516 GR 70	65	8.1	10.53	
52	Water Seal Drum	J-5574	L&T Ltd. / ONGC Agartala	L&T	BV	2.0	20"	24"	5	SA 516 GR 70	250	3.5	4.55	
53	Water Seal Drum	J-5575	L&T Ltd. / ONGC Baramura	L&T	BV	1.5	16"	12"	3.5	SA 516 GR 70	250	3.5	4.55	
54	Molecular Seal	J-5476	HPCL VIZAG	EIL	EIL	3.7	44"	60"	7.34	SA 240 TP 316L	165	3.5	4.55	
55	Molecular Seal	J-5466	HPCL MUMBAI	EIL	EIL	3.7	60"	46"	9.28	SA 516 GR 60	250	3.5	4.55	
56	Knock Out Drum	J-5454	RCFL	PDIL Vadodara	PDIL	3.024	34"	34"	12.8	SA 516 GR 70	350	5	6.97	
57	Knock Out Drum	J-5425	Technip India Ltd. / Chemplast Sanmar Karaikal	TIL	Technip	1.35	8"	8"	2.05	SA 240 TP 304	-104 / 125	3.5 + 0.5 St Head	4.55	
58	Molecular Seal	J-5338	IOCL, PANIPAT (Px-PTA project)	EIL	EIL	2.741	48"	42"	4.3	SA 240 TP 316L	250	3.5	1.5	
59	Water Seal Drum					4.924	58"	48"	28.4	SA 516 GR 70	250	3.5	4.55	
60	Molecular Seal	J-5325	IOCL, PANIPAT (PREP project)	EIL	EIL	3.7	60"	60"	6.77	SA 240 TP 316L	250	3.5	1.5	
61	Water Seal Drum					6.658	68"	64"	55	SA 516 GR 70	250	3.5	V - 4.55	
62	Water Seal Drum	J-5283	IOTL / IOCL Mathura	Dalal Mott Mac Donald	DNV	6.4	64"	64"	47.814	SA 516 GR 60	300	3.5	4.55	

(*): Designed, manufactured & tested as per ASME B 31.3