

	DEHDASHT PETROCHEMICAL INDUSTRY COMPANY DEHDASHT HIGH DENSITY POLYETHYLENE PROJECT	
	DOCUMENT TITLE: Line List	POI: IFA
Contract No.: DPIC/98-12	DOCUMENT NUMBER: DPIC9812-000-VD-1002-ME-LST-0053	Rev. No.: D0

DOCUMENT TITLE:

LINE LIST

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PURCHASER'S COMMENT/APPROVAL STATUS					Purchaser: NARGAN
1	AP: Approved (Released for Manufacturing)				Requisition No.: DPIC98-12-001-000-ME-MR-4150-0001-D1
✘	AN: Approved With Minor Comments (Fabrication may Proceed)				
3	NF: Approved With Comments (Fabrication not Proceed)				Item No. (Tag No.): PK-6101
4	RJ: Rejected				
5	NR: Not be Returned				Vendor Doc. No.: DPIC9812-000-VD-1002-ME-LST-0053-D0
Date:		06.02.2022	Signature:		
					
D0	12.Jan..22	R.GOUDARZI	DR.A.NEJATI	DR.A.NEJATI	
REV	DATE ISSUE	PREPARED	CHECKED	APPROVED	



DEHDASHT PETROCHEMICAL INDUSTRY COMPANY
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Please recheck all temperature and pressure data (operating and design) with upstream and downstream equipment.

PPI		SHT PETROCHEMICAL INDUSTRY COMPANY										PGPIC							
NARGAN		DEHDASHT HIGH DENSITY POLYETHYLENE PROJECT										POI: IFA							
DOCUMENT TITLE: Line List		DOCUMENT NUMBER: DPIC98										Rev. No.:							
Contract No.: DPIC/98-12		paint system and NDE should be mentioned in line list.										Insulation type to be filled based on legend.							
ROW	LINE NO.	P&ID NO.	FROM	TO	TYPE	SIZE	CLASS	MATERIAL	C.A.	OPERATE.		DESIGN		INSULATION		TEST	NOTES		
										PRESS. barg	TEMP. °C	PRESS. barg	TEMP. °C	TYPE	THICK. mm			TYPE	PRESS. Barg
1	18"-CHXR-61101-1DL1-M	611B-0	B.L.	E-6101	CHXR	L	18	1DL1	LTCS	1.5	5.9	-16.0	23.0	-45.0/135.0	M	30.0	H	34.5	
2	3/4"-IA-10740-1CG2-			USERS	IA	G	3/4	1CG2	H.D.G	0.0	7.0	AMB	10.5	65.0	-	-	H	15.8	
3	12"-JWS-61120-4CC2-			E-PK6101					CS	1.5	6.0	37.0	10.0	190.0	-	-	H	15.0	
4	3"-JWS-61121-4CC2-			E-PK6101					CS	1.5	6.0	37.0	10.0	190.0	-	-	H	15.0	
5	3"-JWS-61122-4CC2-	611B-0	B.L.	E-PK6101					CS	1.5	6.0	37.0	10.0	190.0	-	-	H	15.0	
6	3/4"-N-61120-4CC2-	611B-0	B.L.	8"-PR-61125-					CS	1.5	7.0	AMB	10.5	75.0	-	-	H	15.8	
7	1"-PR-61150-1DL4-	611B-0	B.L.	8"-PR-61125-					TCS	1.5	(*)	(*)	23.0	-45.0/135.0	-	-	H	34.5	
8	8"-BDL-61120-1CL1-	611B-1	-	B.L.					TCS	1.5	1.0	HOLD	23.0	135.0	-	-	H	34.5	
9	4"-BDL-61121-1CL1-	611B-1	PSV-61120	8"-BDL-61120					TCS	1.5	1.0	HOLD	23.0	135.0	-	-	H	34.5	
10	4"-BDL-61122-1CL1-	611B-1	PSV-61121	8"-BDL-61120					TCS	1.5	1.0	HOLD	23.0	135.0	-	-	H	34.5	
11	6"-BDL-61123-1CL1-	611B-1	PSV-61122	8"-BDL-61120					TCS	1.5	1.0	HOLD	23.0	135.0	-	-	H	34.5	
12	6"-BDL-61124-1CL1-	611B-1	PSV-61123	8"-BDL-61120-1CL1-	BDL	G	6	1CL1	LTCS	1.5	1.0	HOLD	23.0	135.0	-	-	H	34.5	
13	4"-BDL-61125-1CL1-	611B-1	PSV-61124	8"-BDL-61120-1CL1-	BDL	G	4	1CL1	LTCS	1.5	1.0	HOLD	23.0	135.0	-	-	H	34.5	
14	4"-BDL-61128-1CL1-	611B-1	PSV-61131	4"-BDL-61121-1CL1-	BDL	G	4	1CL1	LTCS	1.5	1.0	HOLD	23.0	135.0	-	-	H	34.5	
15	6"-BDL-61129-1CL1-	611B-1	PSV-61132	6"-BDL-61124-1CL1-	BDL	G	6	1CL1	LTCS	1.5	1.0	HOLD	23.0	135.0	-	-	H	34.5	
16	4"-BDL-61130-1CL1-	611B-1	PSV-61133	4"-BDL-61125-1CL1-	BDL	G	4	1CL1	LTCS	1.5	1.0	HOLD	23.0	135.0	-	-	H	34.5	
17	3/4"-BDL-61131-1CL1-	611B-1	F-PK6101-1	8"-BDL-61120-1CL1-	BDL	G	3/4	1CL1	LTCS	1.5	1.0	HOLD	23.0	135.0	-	-	H	34.5	
18	18"-CHXS-61104-1DL1-M	611B-1	E-6101	B.L.	CHXS	L	18	1DL1	LTCS	1.5	5.5	-20.0	23.0	-45.0/135.0	M	40.0	H	34.5	
19	12"-JWR-61120-4CC2-	611B-1	E-PK6101-2	B.L.	JWR	L	12	4CC2	CS	1.5	5.7	45.0	10.0	190.0	-	-	H	15.8	
20	8"-PR-61122-1DL4-M	611B-1	E-PK6101-2	D-PK6101-2	PR	L	8	1DL4	LTCS	1.5	18.9	48.3	23.0	135.0	M	30.0	H	34.5	
21	2"-PR-61123-1DL4-M	611B-1	E-PK6101-2	D-PK6101-2	PR	G	2	1DL4	LTCS	1.5	18.9	48.3	23.0	135.0	M	30.0	H	34.5	
22	4"-PR-61124-1DL4-	611B-1	D-PK6101-2	PSV-61120	PR	G	4	1DL4	LTCS	1.5	18.6	48.5	23.0	-45.0/135.0	-	-	H	34.5	
23	8"-PR-61125-1DL4-M	611B-1	D-PK6101-2	E-PK6101-3	PR	L	8	1DL4	LTCS	1.5	18.6	48.5	23.0	-45.0/135.0	M	30.0	H	34.5	
24	3"-PR-61126-1DL4-M	611B-1	8"-PR-61125-1DL4-M	E-PK6101-3	PR	L	3	1DL4	CS	1.5	18.6	48.5	23.0	-45.0/135.0	M	30.0	H	34.5	
25	6"-PR-61127-1DL4-M	611B-1	E-PK6101-3	C-PK6101-1A	PR	G	6	1DL4	LTCS	1.5	7.2	15.0	23.0	-45.0/135.0	M	30.0	H	34.5	
26	6"-PR-61128-1DL4-M	611B-1	6"-PR-61127-1DL4-M	C-PK6101-1B	PR	G	6	1DL4	LTCS	1.5	7.2	15.0	23.0	-45.0/135.0	M	30.0	H	34.5	
27	4"-PR-61129-1DL4-	611B-1	6"-PR-61127-1DL4-M	PSV-61121	PR	G	4	1DL4	LTCS	1.5	7.2	15.0	23.0	-45.0/135.0	-	-	H	34.5	
28	6"-PR-61130-1DL4-M	611B-1	E-PK6101-3	-	PR	L	6	1DL4	LTCS	1.5	18.9	16.0	23.0	135.0	M	30.0	H	34.5	
29	6"-PR-61131-1DL4-	611B-1	6"-PR-61130-1DL4-M	PSV-61122	PR	G	6	1DL4	LTCS	1.5	18.9	16.0	23.0	135.0	-	-	H	34.5	
30	8"-PR-61132-1DL4-M	611B-1	6"-PR-61130-1DL4-M	E-6101	PR	L/G	8	1DL4	LTCS	1.5	1.6	-24.0	23.0	-45.0/135.0	M	30.0	H	34.5	
31	8"-PR-61133-1DL4-M	611B-1	6"-PR-61130-1DL4-M	E-6101	PR	L/G	8	1DL4	LTCS	1.5	1.6	-24.0	23.0	-45.0/135.0	M	30.0	H	34.5	
32	8"-PR-61134-1DL4-M	611B-1	E-6101	12"-PR-61136-1DL4-M	PR	G	8	1DL4	LTCS	1.5	1.6	-24.0	23.0	-45.0/135.0	M	30.0	H	34.5	
33	8"-PR-61135-1DL4-M	611B-1	E-6101	12"-PR-61136-1DL4-M	PR	G	8	1DL4	LTCS	1.5	1.6	-24.0	23.0	-45.0/135.0	M	30.0	H	34.5	
34	12"-PR-61136-1DL4-M	611B-1	-	D-PK6101-3	PR	G	12	1DL4	LTCS	1.5	1.6	-24.0	23.0	-45.0/135.0	M	30.0	H	34.5	
35	4"-PR-61137-1DL4-	611B-1	12"-PR-61136-1DL4-M	PSV-61123	PR	G	4	1DL4	LTCS	1.5	1.6	-24.0	23.0	-45.0/135.0	-	-	H	34.5	
36	2"-PR-61139-1DL4-	611B-1	D-PK6101-3	PSV-61124	PR	G	2	1DL4	LTCS	1.5	1.6	-24.0	23.0	-45.0/135.0	-	-	H	34.5	
37	12"-PR-61140-1DL4-M	611B-1	D-PK6101-3	C-PK6101-1A	PR	G	12	1DL4	LTCS	1.5	1.6	-24.0	23.0	-45.0/135.0	M	30.0	H	34.5	
38	12"-PR-61141-1DL4-M	611B-1	12"-PR-61140-1DL4-M	C-PK6101-1B	PR	G	12	1DL4	LTCS	1.5	1.6	-24.0	23.0	-45.0/135.0	M	30.0	H	34.5	
39	4"-PR-61147-1DL4-	611B-1	4"-PR-61124-1DL4-	PSV-61131	PR	G	4	1DL4	LTCS	1.5	18.6	48.5	23.0	-45.0/135.0	-	-	H	34.5	

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DEHDASHT HIGH DENSITY POLYETHYLENE PROJECT



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Contract No.: DPIC/98-12

DOCUMENT NUMBER: DPIC9812-000-VD-1002-ME-LST-0053

Rev. No.: D0

ROW	LINE NO.	P&ID NO.	FROM	TO	FLUID	STATE	SIZE	CLASS	MATERAIL	C.A.	OPERATE.		DESIGN		INSULATION	TEST		NOTES	
											PRESS. barg	TEMP. °C	PRESS. barg	TEMP. °C		TYPE	PRESS. Barg		
40	4"-PR-61148-1DL4-	611B-1	12"-PR-61136-1DL4-M	PSV-61132	PR	G	4	1DL4	LTCS	1.5	1.6	-24.0	23.0	-45.0/135.0	-	-	H	34.5	
41	2"-PR-61149-1DL4-	611B-1	2"-PR-61139-1DL4-	PSV-61133	PR	G	2	1DL4	LTCS	1.5	1.6	-24.0	23.0	-45.0/135.0	-	-	H	34.5	
42	2"-V-61120-4CC2-	611B-1	12"-JWR-61120-4CC2-	PSV-61134	V	L	2	4CC2	ATCS	1.5	ATM.	45.0	10.0	190.0	-	-	H	15.0	
43	8"-BDL-61126-1CL1-	611B-2	PSV-61125	8"-BDL-61120-1CL1-	BDL	G	8	1CL1	LTCS	1.5	1.0	HOLD	23.0	120.0	-	-	H	34.5	
44	3"-JWR-61121-4CC2-	611B-2	E-PK6101-1A	B.L.	JWR	L	3	4CC2	CS	1.5	5.8	45.0	10.0	190.0	-	-	H	15.0	
45	3"-OIL-61120-1DL4-ET	611B-2	D-PK6101-1A	P-PK6101-1A	OIL	L	3	1DL4	LTCS	1.5	18.9	80.3	25.0	120.0	ET	30.0	H	37.5	
46	3"-OIL-61121-1DL4-	611B-2	3"-OIL-61120-1DL4-E	E-PK6101-1A	OIL	L	3	1DL4	LTCS	1.5	18.9	80.3	25.0	120.0	-	-	H	37.5	
47	3"-OIL-61122-1DL4-	611B-2	E-PK6101-1A	TCV-61131	OIL	L	3	1DL4	LTCS	1.5	18.8	50	25.0	120.0	-	-	H	37.5	
48	3"-OIL-61123-1DL4-ET	611B-2	3"-OIL-61120-1DL4-E	P-PK6101-2A	OIL	L	3	1DL4	LTCS	1.5	18.8	50	25.0	120.0	ET	30.0	H	37.5	
49	3"-OIL-61124-1DL4-ET	611B-2	P-PK6101-1A	F-PK6101-1A/2A	OIL	L	3	1DL4	LTCS	1.5	21.8	50	25.0	120.0	ET	30.0	H	37.5	
50	3"-OIL-61125-1DL4-ET	611B-2	P-PK6101-2A	3"-OIL-61124-1DL4-E	OIL	L	3	1DL4	LTCS	1.5	21.8	50	25.0	120.0	ET	30.0	H	37.5	
51	3"-OIL-61126-1DL4-ET	611B-2	F-PK6101-1A/2A	-	OIL	L	3	1DL4	LTCS	1.5	21.5	50	25.0	120.0	ET	30.0	H	37.5	
52	1"-OIL-61127-1DL4-ET	611B-2	3"-OIL-61126-1DL4-E	C-PK6101-1A	OIL	L	1	1DL4	LTCS	1.5	21.5	50	25.0	120.0	ET	30.0	H	37.5	
53	1 1/2"-OIL-61128-1DL4-ET	611B-2	3"-OIL-61126-1DL4-E	C-PK6101-1A	OIL	L	1 1/2	1DL4	LTCS	1.5	21.5	50	25.0	120.0	ET	30.0	H	37.5	
54	8"-PR-61120-1DL4-P	611B-2	D-PK6101-1A	E-PK6101-2	PR	G	8	1DL4	LTCS	1.5	18.9	80.3	23.0	135.0	P	30.0	H	34.5	
55	6"-PR-61138-1DL4-P	611B-2	8"-PR-61120-1DL4-P	D-PK6101-3	PR	G	6	1DL4	LTCS	1.5	18.9	80.3	23.0	135.0	P	30.0	H	34.5	
56	8"-PR-61142-1DL4-P	611B-2	C-PK6101-1A	D-PK6101-1A	PR	G	8	1DL4	LTCS	1.5	20	80.5	23.0	120.0	P	30.0	H	34.5	
57	6"-PR-61143-1DL4-	611B-2	D-PK6101-1A	PSV-61126	PR	G	6	1DL4	LTCS	1.5	20	80.5	23.0	120.0	-	-	H	34.5	
58	8"-BDL-61127-1CL1-	611B-3	PSV-61128	8"-BDL-61120-1CL1-	BDL	G	8	1CL1	LTCS	1.5	1.70			120.0	-	-	H	34.5	
59	3"-JWR-61122-4CC2-	611B-3	E-PK6101-1B	B.L.	JWR	L	3	4CC2	CS	1.5	5.8	45.0	10.0	190.0	-	-	H	15.0	
60	3"-OIL-61130-1DL4-ET	611B-3	D-PK6101-1B	P-PK6101-1B	OIL	L	3	1DL4	LTCS	1.5	18.9	80.3	25.0	120.0	ET	30.0	H	37.5	
61	3"-OIL-61131-1DL4-	611B-3	3"-OIL-61130-1DL4-E	E-PK6101-1B	OIL	L	3	1DL4	LTCS	1.5	18.9	80.3	25.0	120.0	-	-	H	37.5	
62	3"-OIL-61132-1DL4-	611B-3	E-PK6101-1B	TCV-61135	OIL	L	3	1DL4	LTCS	1.5	18.8	50	25.0	120.0	-	-	H	37.5	
63	3"-OIL-61133-1DL4-ET	611B-3	3"-OIL-61130-1DL4-E	P-PK6101-2B	OIL	L	3	1DL4	LTCS	1.5	18.8	50	25.0	120.0	ET	30.0	H	37.5	
64	3"-OIL-61134-1DL4-ET	611B-3	P-PK6101-1B	F-PK6101-1B/2B	OIL	L	3	1DL4	LTCS	1.5	21.8	50	25.0	120.0	ET	30.0	H	37.5	
65	3"-OIL-61135-1DL4-ET	611B-3	P-PK6101-2B	3"-OIL-61134-1DL4-E	OIL	L	3	1DL4	LTCS	1.5	21.8	50	25.0	120.0	ET	30.0	H	37.5	
66	3"-OIL-61136-1DL4-ET	611B-3	F-PK6101-1B/2B	-	OIL	L	3	1DL4	LTCS	1.5	21.5	50	25.0	120.0	ET	30.0	H	37.5	
67	1"-OIL-61137-1DL4-ET	611B-3	3"-OIL-61136-1DL4-E	C-PK6101-1B	OIL	L	1	1DL4	LTCS	1.5	21.5	50	25.0	120.0	ET	30.0	H	37.5	
68	1 1/2"-OIL-61138-1DL4-ET	611B-3	3"-OIL-61136-1DL4-E	C-PK6101-1B	OIL	L	1 1/2	1DL4	LTCS	1.5	21.5	50	25.0	120.0	ET	30.0	H	37.5	
69	8"-PR-61121-1DL4-P	611B-3	D-PK6101-1B	8"-PR-61120-1DL4-P	PR	G	8	1DL4	LTCS	1.5	18.9	80.3	23.0	135.0	P	30.0	H	34.5	
70	8"-PR-61144-1DL4-P	611B-3	C-PK6101-1B	D-PK6101-1B	PR	G	8	1DL4	LTCS	1.5	20	80.5	23.0	120.0	P	30.0	H	34.5	
71	6"-PR-61145-1DL4-	611B-3	D-PK6101-1B	PSV-61128	PR	G	6	1DL4	LTCS	1.5	20	80.5	23.0	120.0	-	-	H	34.5	
72	6"-PR-61146-1DL4-P	611B-3	8"-PR-61121-1DL4-P	6"-PR-61138-1DL4-P	PR	G	6	1DL4	LTCS	1.5	18.9	80.3	23.0	135.0	P	30.0	H	34.5	

NOTES:
(*) WILL BE SPECIFIED BY CLIENT.

It seems Down stream Pressure of compressor shall be higher. Please recheck.

DP shall be equal to upstream pump shut off pressure.

DT of these lines shall be the same. Please recheck.

-45/135

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