

	<b>DEHDASHT PETROCHEMICAL INDUSTRY COMPANY</b>  <b>DEHDASHT HIGH DENSITY POLYETHYLENE PROJECT</b>	
	DOCUMENT TITLE: Equipment List	POI: IFA
Contract No.: DPIC/98-12	DOCUMENT NUMBER: DPIC9812-000-VD-1002-ME-LST-0050	Rev. No.: D0

**DOCUMENT TITLE:**

## **EQUIPMENT LIST**

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<b>PURCHASER'S COMMENT/APPROVAL STATUS</b>					Purchaser: NARGAN
1	AP: Approved (Released for Manufacturing)				Requisition No.: DPIC98-12-001-000-ME-MR-4150-0001-D1
2	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-0050-D0
Date: XX.XX.XX      Signature:					
					
D0	31.Nov..21	R.GOUDARZI	DR.A.NEJATI	DR.A.NEJATI	
<b>REV</b>	<b>DATE ISSUE</b>	<b>PREPARED</b>	<b>CHECKED</b>	<b>APPROVED</b>	



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ROW	TAG NO.	DESCRIPTION	Q,TY	TECHNICAL DATA	MATERIAL	DESIGN TEMPERATURE (°C)	DESIGN PRESSURE (barg)
1	C-PK6101-1A/B	Oil Flooded Screw Compressor	2	Type= Screw Normal Flow= 19500 kg/h, Rated Flow= 21030 kg/h DP= 17.65 bar, Outlet Pressure= 20 barg BHP= 1160 kw, Power= 1400 kw	Casing= A-352, LCB Shaft= A-668 Class G	88.6	22.3
2	D-PK6101-1A/B	Oil Separator	2	ID x T.L T.L = 1041.4 x 6604 mm Volume= 5.9 m <sup>3</sup> Operating Condition= 80.5 °C , <b>HOLD</b> barg	Body= SA-516 GR70N	-42.8/107.2	<b>HOLD</b>
3	D-PK6101-2	Liquid Receiver	1	ID x T.L T.L = 888.6 x 4000 mm Volume= 2.7 m <sup>3</sup> Operating Condition= 48.5 °C , 18.6 barg	Body= SA-516 GR70N	-45.0/135.0	23.0 + F.V
4	D-PK6101-3	K.O. Drum	1	ID x T.L T.L = 1800 x 2800 mm Volume= 8.6 m <sup>3</sup> Operating Condition= -24.0 °C , 1.6 barg	Body= SA-516 GR70N	-45.0/135.0	23.0 + F.V
5	E-6101	Evaporator	1	Tema Type= BKU ID x L= 1200/1656 x 4200 mm, Area Per Shell= 478.25 m <sup>2</sup> Heat Duty= 1688 kw, Tube No.= 870U	Shell= SA-516 GR70N Tube= SA-334 GR 6 Seamless	Shell= -45.0/125.0 Tube= -45.0/125.0	Shell=23.0 + F.V Tube= 23.0
6	E-PK6101-1A/B	Oil Cooler	2	Tema Type= BEM ID x L= 381 x 3000 mm, Area Per Shell= 29.8 m <sup>2</sup> Heat Duty= 209 kw, Tube No.= 166	Shell= SA-106 GR.B Tube= SA-179	Shell= 120.0 Tube= 190.0	Shell=25.0 Tube= 25.0
7	E-PK6101-2	Condenser	1	Tema Type= BEM ID x L= 1180 x 5000 mm, Area Per Shell= 539.22 m <sup>2</sup> Heat Duty= 2682 kw, Tube No.= 1802	Shell= SA-516 GR70N Tube= SA-334 GR 6 Seamless	Shell= 125.0 Tube= 190.0	Shell=23.0 + F.V Tube= 23.0
8	E-PK6101-3	Economizer	1	Tema Type= BEM ID x L= 581 x 6000 mm, Area Per Shell= 115.39 m <sup>2</sup> Heat Duty= 508.3 kw, Tube No.= 241	Shell= SA-516 GR70N Tube= SA-334 GR 6 Seamless	Shell= 125.0 Tube= -45.0/125.0	Shell=23.0 Tube= 23.0 + F.V
9	F-PK6101-1A/B,2A/B	Oil Filter	4	Type= Cartridge ID x T.L T.L = 8" x 1300 mm	Body= SA106 Gr.B Element= S.S 304	120.0	25.0 + F.V
10	F-PK6101-2	Ppropylene Filter/Dryer	1	Type= Molecular Sieve ID x T.L T.L = 4" x 195 mm	Body= SA 333 GR.6 Element= S.S 304	-45.0/135.0	23.0 + F.V
11	P-PK6101-1A/B,2A/B	Oil Pump	4	Type= 3-Screw Normal Flow= 240 LPM, Rated Flow= 340 LPM DP= 5.2, Outlet Pressure= 29 barg BHP= 5.0 kw, Power= 7.5 kw	Casing= Cast Iron End Plates= Cast Iron	120.0	25.0

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