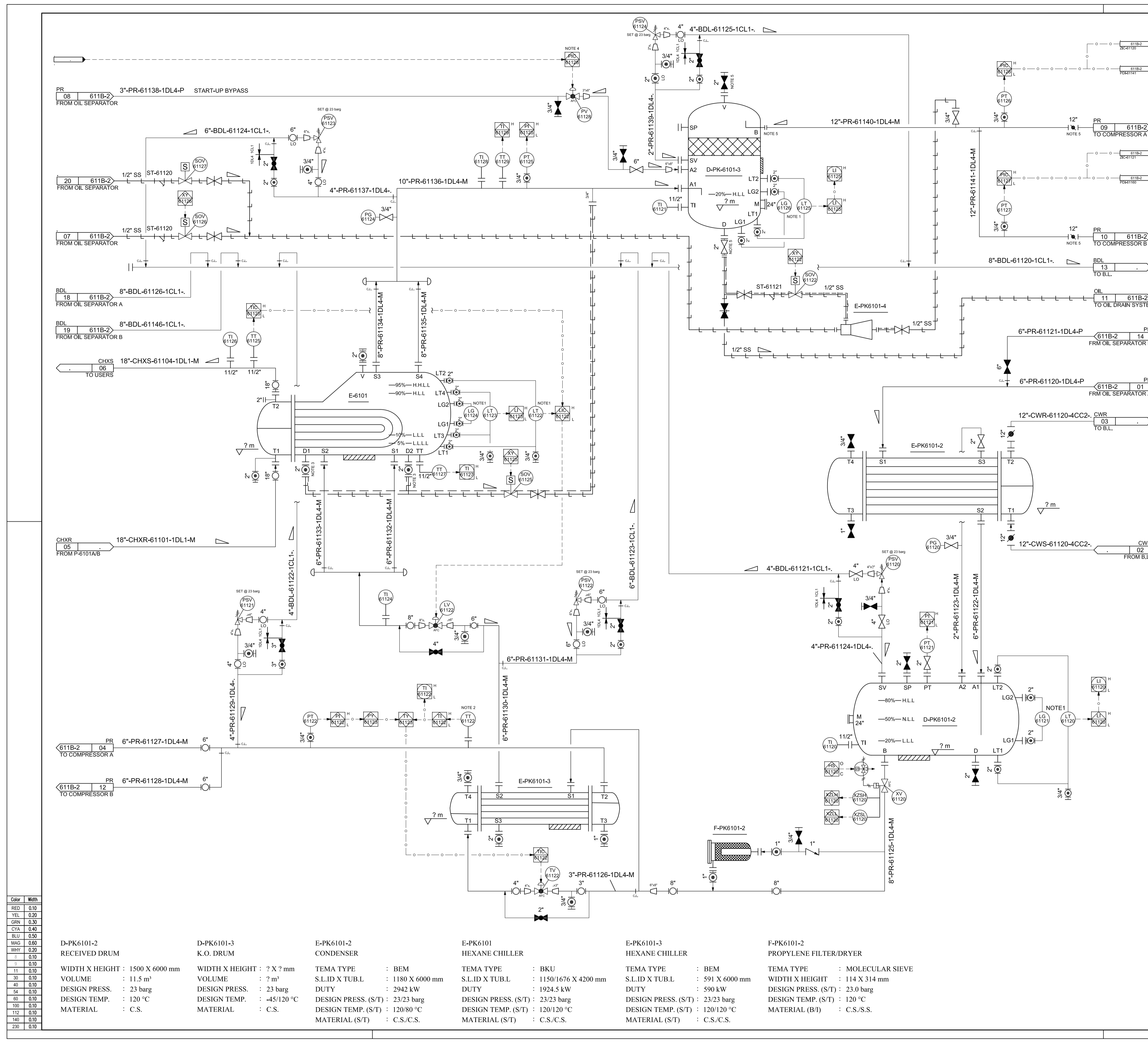


NOTES

- NOTE 1: LT & LG ARE MAGNETIC TYPE.
- NOTE 2: TEMP. TRANSMITTER TO BE LOCATED AS FAR AS POSSIBLE FROM ECONOMIZER
- NOTE 3: OIL RECOVERY NOZZLE.
- NOTE 4: NITROGEN FILL OR PURGE/DRAIN.
- NOTE 5: SUCTION THROTTLE VALVE LOCATED AT HIGH POINT.



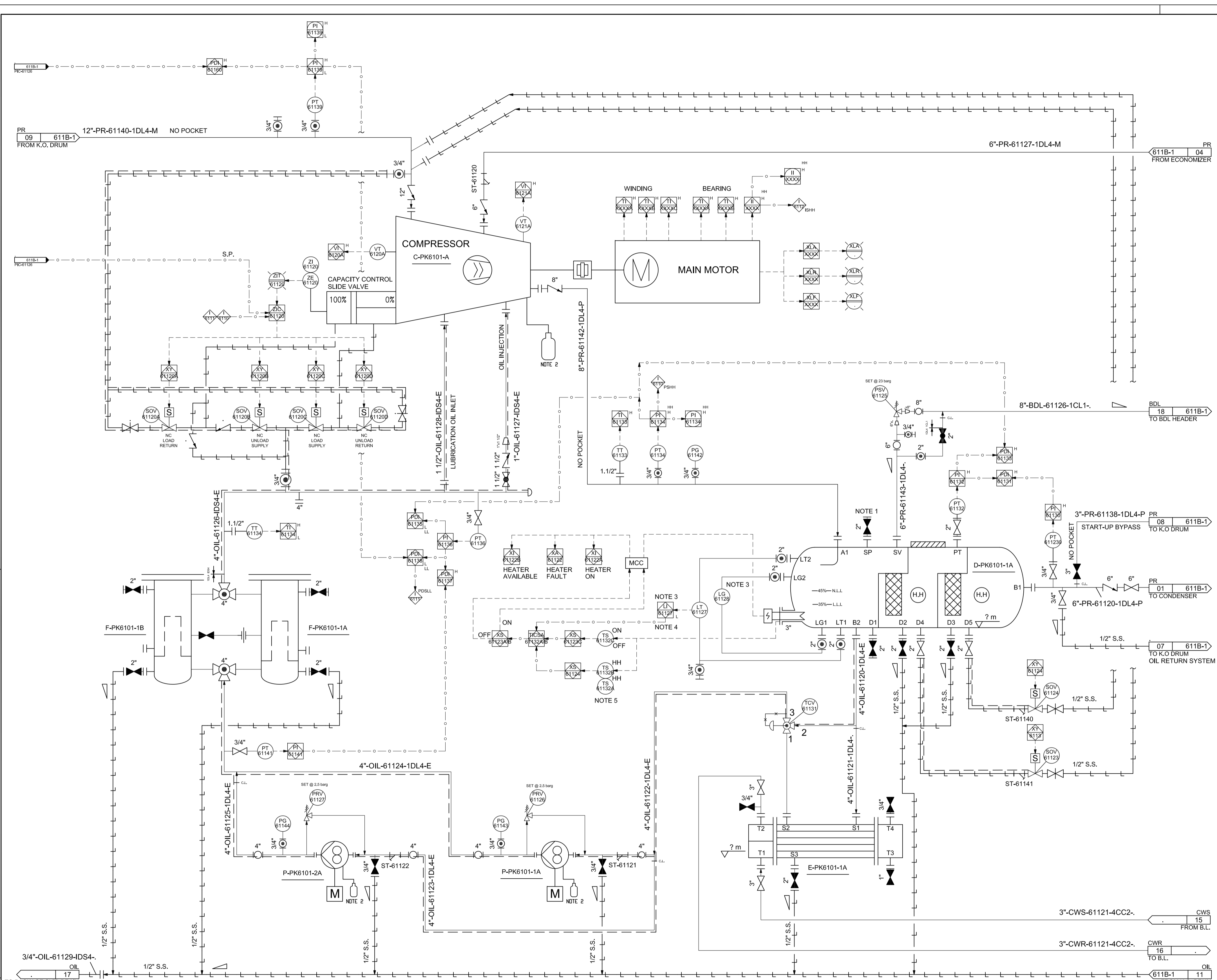
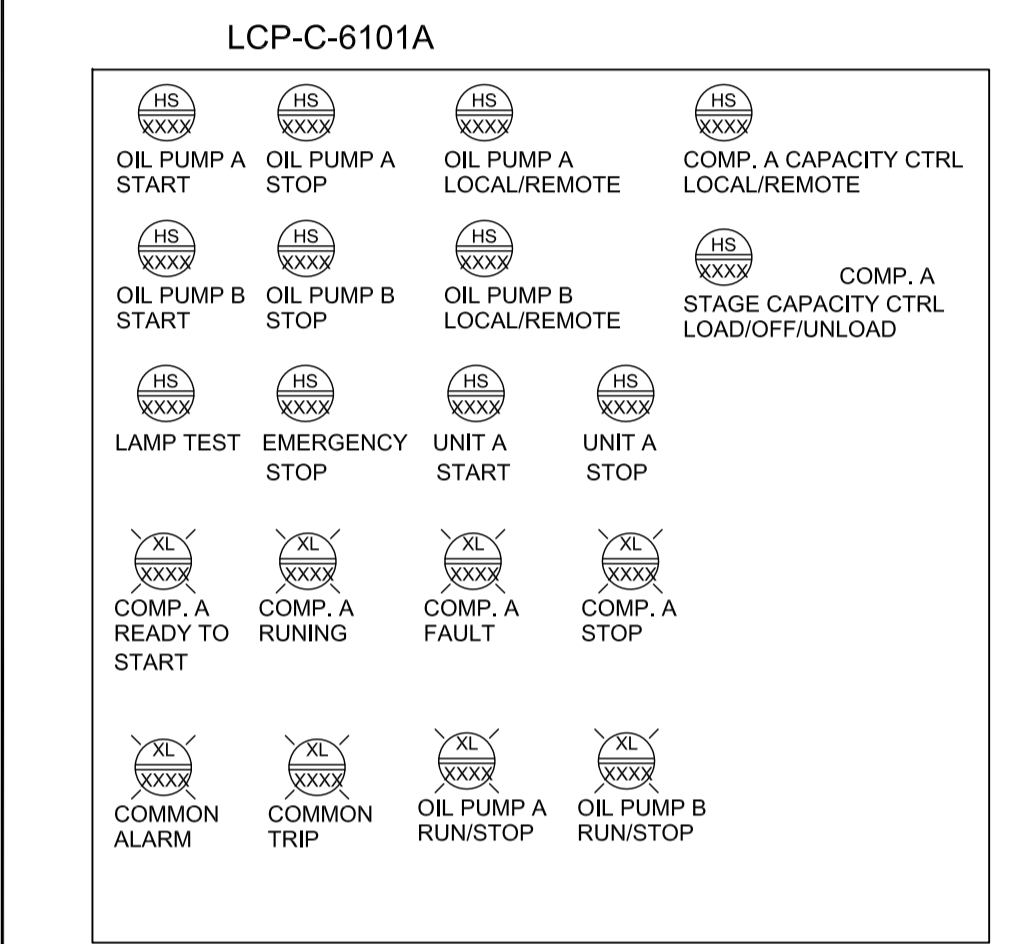
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RED	0.10
YEL	0.20
GRN	0.30
CYA	0.40
BLU	0.50
MAG	0.60
WHY	0.20
I	0.10
II	0.10
III	0.10
IV	0.10
V	0.10
VI	0.10
VII	0.10
VIII	0.10
IX	0.10
X	0.10
XI	0.10
XII	0.10
XIII	0.10
XIV	0.10
XV	0.10
XVI	0.10
XVII	0.10
XVIII	0.10
XIX	0.10
XX	0.10

Equipment ID	Equipment Name	Equipment Type	Dimensions / Specifications
D-PK6101-2	RECEIVED DRUM	DRUM	WIDTH X HEIGHT : 1500 X 6000 mm
D-PK6101-3	K.O. DRUM	DRUM	WIDTH X HEIGHT : ? X ? mm
E-PK6101-2	CONDENSER	CONDENSER	TEMA TYPE : BEM S.L.ID X TUB.L : 1180 X 6000 mm DUTY : 2942 kW
E-PK6101	HEXANE CHILLER	CHILLER	TEMA TYPE : BKU S.L.ID X TUB.L : 1150/1676 X 4200 mm DUTY : 1924.5 kW
E-PK6101-3	HEXANE CHILLER	CHILLER	TEMA TYPE : BEM S.L.ID X TUB.L : 591 X 6000 mm DUTY : 590 kW
F-PK6101-2	PROPYLENE FILTER/DRYER	FILTER/DRYER	TEMA TYPE : MOLECULAR SIEVE WIDTH X HEIGHT : 114 X 314 mm DESIGN PRESS. (S/T) : 23/0 barg DESIGN TEMP. (S/T) : 120 °C MATERIAL (B/I) : C.S./S.S.

CLIENT:	MC	CONTRACTOR:						
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PROJECT TITLE: <b>DEHDASHT PETROCHEMICAL INDUSTRY COMPANY DEHDASHT HIGH DENSITY POLYETHYLENE PROJECT</b>								
DRAWING TITLE: <b>PIPING AND INSTRUMENT DIAGRAM (P&amp;ID)</b>								
DOCUMENT No: <b>DPIC9812-000-VD-1002-ME-PID-0010</b>	SC.	SIZE: <b>A1</b>						
Proj. Code	Area No.	VD	PO No.	Disc. Code	Doc. Type	Serial No.	Rev.	Sheet No.
DPIC9812	000	VD	1002	ME	PID	0010	D0	1 OF 3
PURCHASER'S COMMENT/APPROVAL STATUS						PURCHASER:		
1. AP: Approved (Released for Manufacturing)						REQUISITION NO.: DPIC98-12-001-000-ME-MR-		
2. AN: Approved With Minor Comments (Fabrication may Proceed)						4150-0001-01		
3. NF: Approved With Comments (Fabrication not Proceed)						ITEM NO. (TAG NO.): PK-6101		
4. RJ: Rejected						VENDOR DOC.NO DPIC9812-000-VD-1002-ME-PID-0010		
5. NR: Not be Returned						Date : XX.XX.XX		
Date : XX.XX.XX						Signature :		
DO	01-09-2021	ISSUE FOR APPROVAL	R.GOURDARZI	M.NAZARSHOAH	D.A.NEJATI	KASRAVAND CO.		
REV	DATE	DESCRIPTION	PREP'D	CHK'D	APP'D			

NOTES

- NOTE 1: OIL TOP UP & VACUUM CONNECTION.
- NOTE 2: COLLECTION POT TO BE EMPTIED ONCE EVERY (X) WEEKS TIME.
- NOTE 3: MAGNETIC TYPE.
- NOTE 4: START PERMISSION FOR OIL SEPARATOR HEATER.
- NOTE 5: 61132A= BOX CUT OUT SWITCH.  
61132B= OVERHEAT SWITCH.



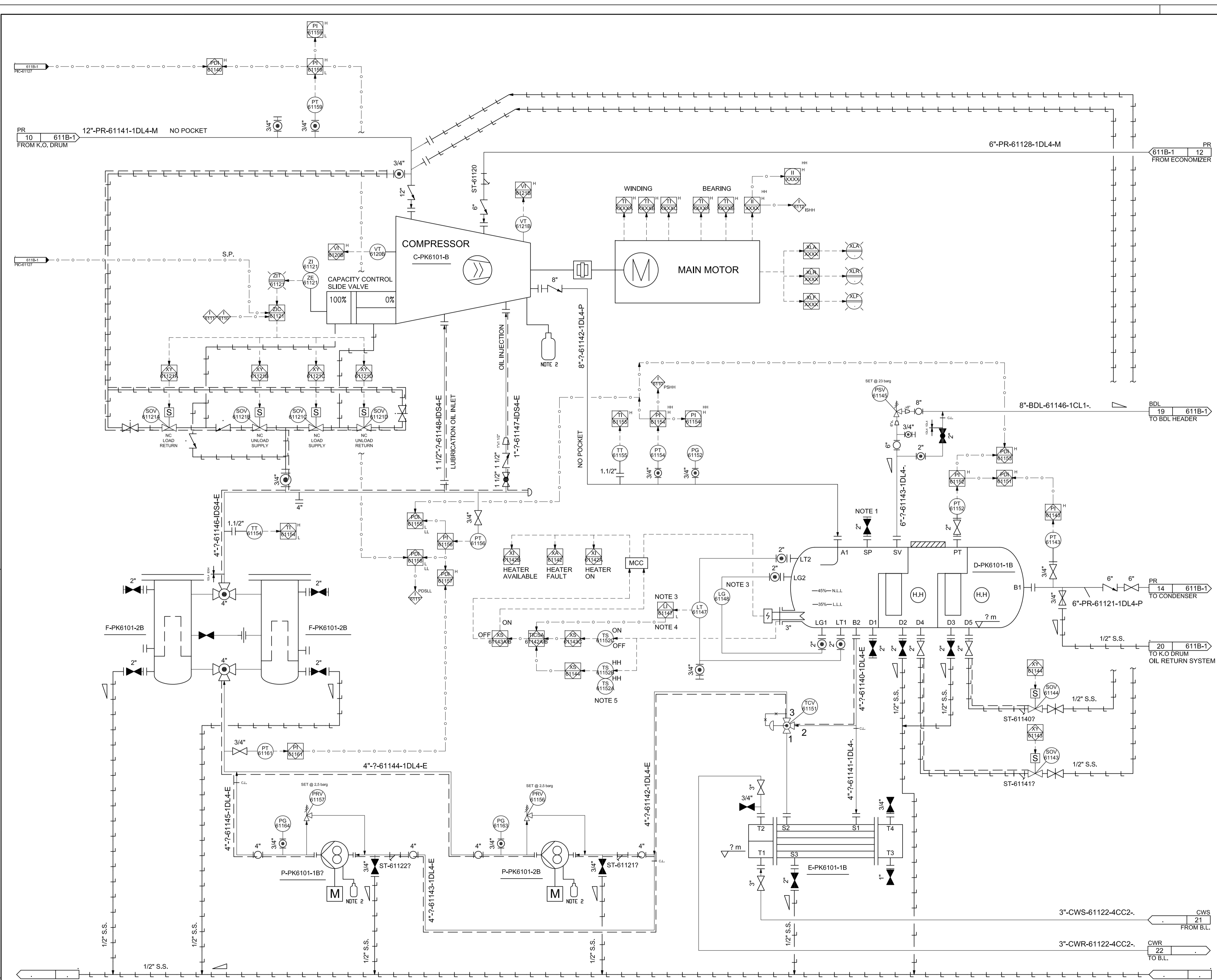
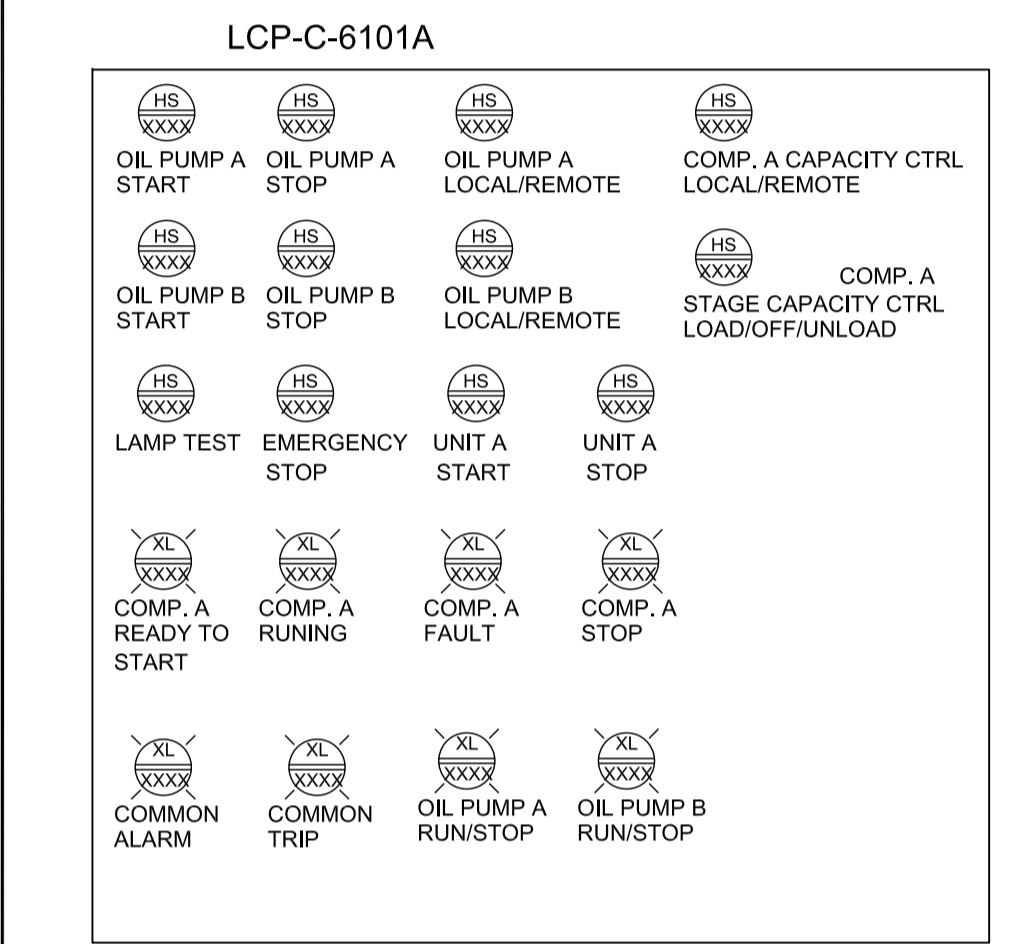
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RED	0.10
YEL	0.20
GRN	0.30
CYA	0.40
BLU	0.50
MAG	0.60
WHY	0.20
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96	0.10
97	0.10
98	0.10
99	0.10
100	0.10

Item	Description	Item	Description	Item	Description	Item	Description
C-PK6101-A	SCREW COMPRESSOR	D-PK6101-1A	OIL SEPARATOR	E-PK6101-1A	OIL COOLER	P-PK6101-1A/2A	OIL PUMP
RATED POWER	: 1400 kW	WIDTH X HEIGHT	: ? X ? mm	TEMA TYPE	: BEM	TYPE	: GEAR
SUC./DIS. PRESSURE	:	VOLUME	: 2 m <sup>3</sup>	S.L.ID X TUB.L	: 336 X 4000 mm	FLOW	: 240 L/min
MANUFACTURER	: MAYEKAWA	DESIGN PRESS.	: 23 barg	DUTY	: 257.6 kW	DESIGN PRESS.	: 23 barg
COMP.TYPE	: OIL FLOODED SCREW	DESIGN TEMP.	: -20/120 °C	DESIGN PRESS. (S/T)	: 25/20 barg	DESIGN TEMP.	: 85 °C
MAYEKAWA TYPE	: PPN320LUD-ME	MATERIAL	: C.S.	DESIGN TEMP. (S/T)	: 120/65 °C	POWER	: ? kW
				MATERIAL (S/T)	: C.S./C.S.	DP	: 3.0
						MATERIAL	: C.S.

CLIENT:	MC	CONTRACTOR:						
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Proj. Code	Area No.	VD	PO No.	Disc. Code	Doc. Type	Serial No.	Rev.	Sheet No.
DPIC9812	000	VD	1002	ME	PID	0010	D0	2 OF 3
PURCHASER'S COMMENT/APPROVAL STATUS						PURCHASER:		
1. AP: Approved (Released for Manufacturing)						REQUISITION NO.: DPIC98-12-001-000-ME-MR-		
2. AN: Approved With Minor Comments (Fabrication may Proceed)						REQ. NO.: 4150-0001-01		
3. NF: Approved With Comments (Fabrication not Proceed)						ITEM NO. (TAG NO.): PK-6101		
4. RJ: Rejected						VENDOR DOC. NO.:		
5. NR: Not be Returned						Date: XX.XX.XX		
Date: XX.XX.XX						Signature:		
REV	DATE	DESCRIPTION	PREP'D	CHK'D	APP'D	KASRAVAND CO.		

NOTES

- NOTE 1: OIL TOP UP & VACUUM CONNECTION.
- NOTE 2: COLLECTION POT TO BE EMPTIED ONCE EVERY (X) WEEKS TIME.
- NOTE 3: MAGNETIC TYPE.
- NOTE 4: START PERMISSION FOR OIL SEPARATOR HEATER.
- NOTE 5: 61152A= BOX CUT OUT SWITCH.  
61152B= OVERHEAT SWITCH.



Color	Width
RED	0.10
YEL	0.20
GRN	0.30
CYA	0.40
BLU	0.50
MAG	0.60
WHY	0.20
1	0.10
11	0.10
20	0.10
40	0.10
54	0.10
100	0.10
112	0.10
140	0.10
230	0.10

<b>C-PK6101-B</b> SCREW COMPRESSOR	<b>D-PK6101-1B</b> OIL SEPARATOR	<b>E-PK6101-1B</b> OIL COOLER	<b>P-PK6101-1B/2B</b> OIL PUMP
RATED POWER : 1400 kW	WIDTH X HEIGHT : ? X ? mm	TEMA TYPE : BEM	TYPE : GEAR
SUC./DIS. PRESSURE :	VOLUME : 2 m <sup>3</sup>	S.L.ID X TUB.L : 336 X 4000 mm	FLOW : 240 L/min
MANUFACTURER : MAYEKAWA	DESIGN PRESS. : 23 barg	DUTY : 257.6 kW	DESIGN PRESS. : 23 barg
COMP.TYPE : OIL FLOODED SCREW	DESIGN TEMP. : -20/120 °C	DESIGN PRESS. (S/T) : 25/20 barg	DESIGN TEMP. : 85 °C
MAYEKAWA TYPE : PPN320LUD-ME	MATERIAL : C.S.	DESIGN TEMP. (S/T) : 120/65 °C	POWER : ? kW
		MATERIAL (S/T) : C.S./C.S.	DP : 3.0
			MATERIAL : C.S.

CLIENT:	MC	CONTRACTOR:						
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DOCUMENT No: <b>DPIC9812-000-VD-1002-ME-PID-0010</b>	SC. <b>A1</b>							
Proj. Code	Area No.	VD	PO No.	Disc. Code	Doc. Type	Serial No.	Rev.	Sheet No.
DPIC9812	000	VD	1002	ME	PID	0010	D0	3 OF 3
PURCHASER'S COMMENT/APPROVAL STATUS						PURCHASER:		
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Date: XX.XX.XX						Signature:		
REV	DATE	DESCRIPTION	PREP'D	CHK'D	APP'D			