






 OIEC	General Arrangement Drawing FOR FRESH MDEA TRANSFER Pump 146-P-101	 N I O C																																																
EQUIPMENT NAME: FRESH MDEA TRANSFER Pump 146-P-101 DOCUMENT TITLE: General Arrangement Drawing																																																		
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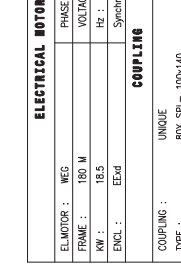
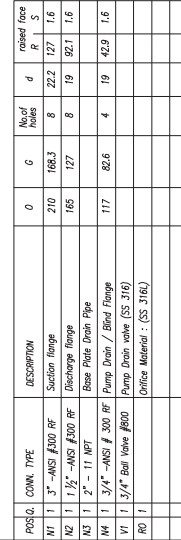
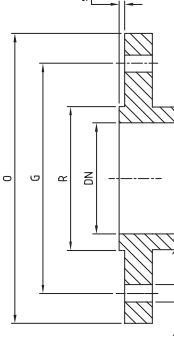
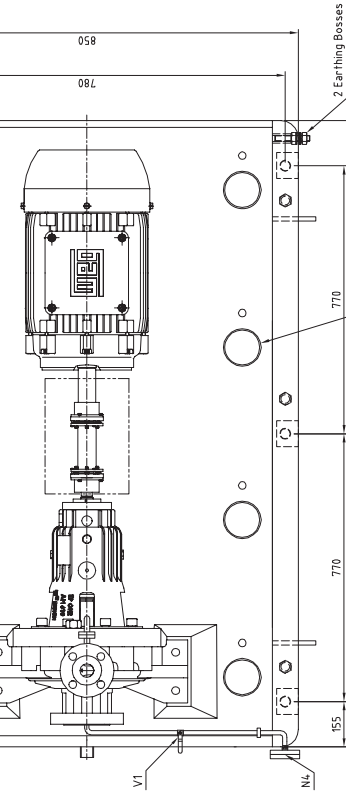
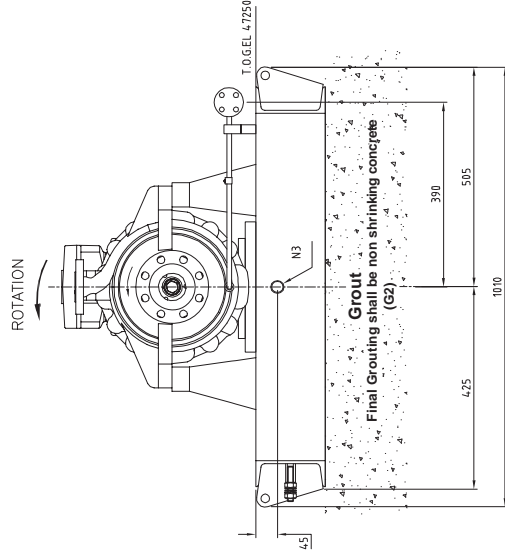
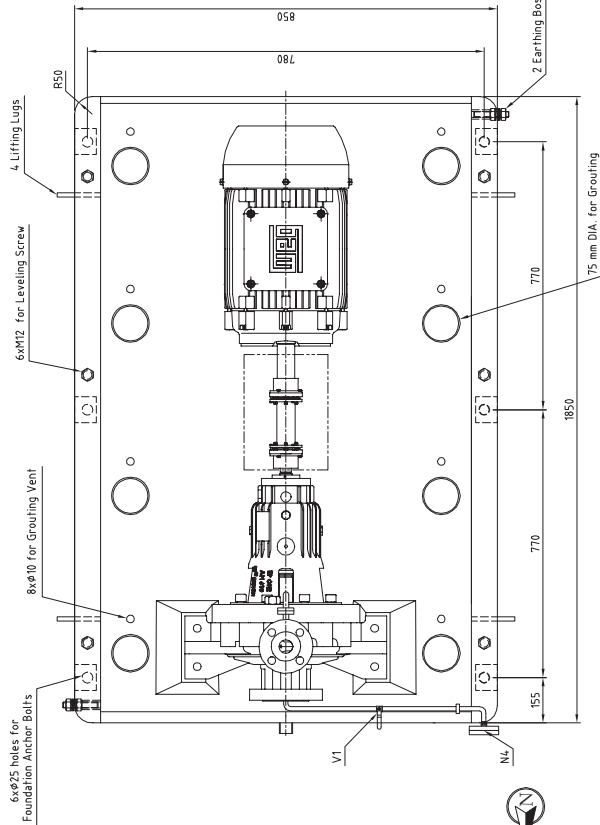
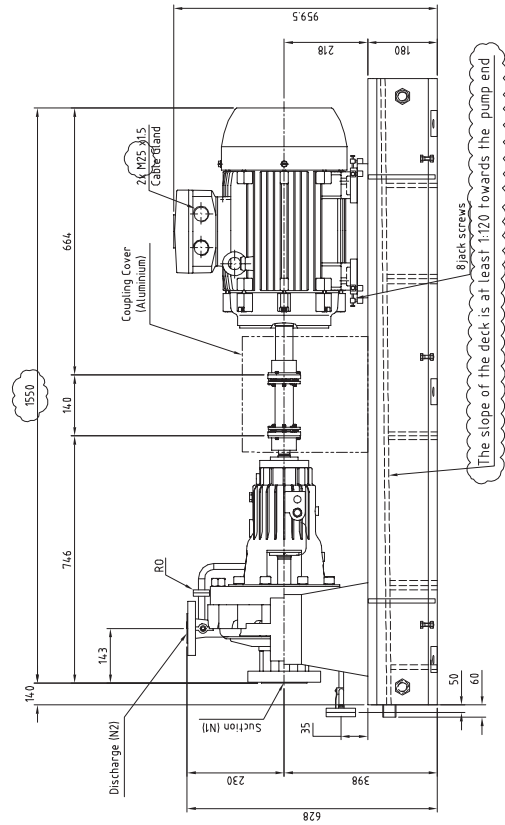
General Arrangement Drawing
FOR FRESH MDEA TRANSFER Pump
146-P-101



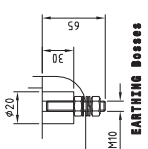
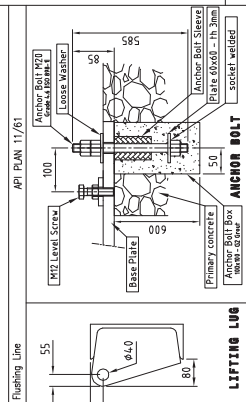
Page	Rev 0	Rev 1	Rev 2	Rev 3	Rev 4	Rev 5	Rev 6	Rev 7	Rev 8	Rev 9	Rev 10
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2.	X	X	X	X	X	X	X	X			
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I.I.P. Group
IRAN INDUSTRIAL PUMPS



REFERENCE DRAWINGS	DWG. No.
PUMP DATA SHEETS	VP-S9-2021-ON-MA-146-P101-0001
SECTIONAL DRAWING	VP-S9-2021-ON-MA-146-P101-0004
Mechanical Seal Drawing & BOM	VP-S9-2021-ON-MA-146-P101-0005
Coupling Drawing & BOM	VP-S9-2021-ON-MA-146-P101-0006
ELECTRICAL MOTOR DATA SHEET	VP-S9-2021-ON-MA-146-P101-0007
ELECTRICAL MOTOR OUTLINE DRAWING	VP-S9-2021-ON-MA-146-P101-0008
SEAL FLAM Dwg and P&ID	VP-S9-2021-ON-MA-146-P101-0009



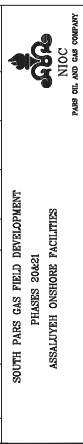
2 (mm)		0.6 (mm)		0.5 (degree)	
FORCE		MOMENTS			
N		N		Nm	
2xPhi 610		2xPhi 610		2xPhi 610	
F _y		F _z		M _y	
F _z		F _y		M _z	
1420		1160		700	
1780		1780		1240	
2140		1780		1440	
2660		1900		2560	



M_y
 M_z
 F_x
 F_y
 F_z

DISCHARGE :

SUCTION :

PUMP :	168 kg
BASE & COUPLING :	570 kg
MOTOR :	218 kg
TOTAL :	956 kg

[illegible]

PROJECT No. : POGC-572-88-35	DOC.CLASS: 01	SCALE : none
Vendor:  ILP GROUP IRAN INDUSTRIAL PUMPERS CO.	Purchase:	 OIEC

Document Title:	GENERAL ARRANGEMENT DRAWING FOR FRESH IDEA TRANSFER Pump 146-P-101		Pump Type:	OHC 40-250
DRAWING No.	VP-SF2021-ON-MA- 146-P101-0002		SHEET No. 3 OF 3	REV. 07

CENTER OF GRAVITY		(mm)
DRIVER C.O.G	X	445
TOTAL C.O.G	Y	0
PUMP C.O.G	Z	401
	X	1328
	Y	0
	Z	396
	X	915
	Y	4
	Z	130
	X	948
	Y	3
	Z	234

ELECTRICAL MOTOR	
EL MOTOR : WEG	PHASE : 3
FRAME : 180 M	VOLTAGE : 400
HW : 18.5	Hz : 50
ENCL : ExdII	Synchronous Speed : 3000 rpm
COUPLING	
UNIQUE	
BOL. SRB - 100 x 140	
DOSE :	

POS.	CONK. TYPE	DESCRIPTION	O	G	Mosf. Index	d	raised face R = S
N1	1 3" -ANSI #300 RF	Suction flange	210	168.3	8	22.2	127 1/8
N2	1 1/2" -ANSI #300 RF	Discharge flange	165	127	8	19	92.1 1/8
N3	1 2" - 11 NPT	Base Plate Drain Pipe					
N4	1 3/4" -ANSI # 300 RF	Pump Disch. / Blind Flange	117	82.6	4	19	42.9 1/8
V1	1 3/4" Ball Valve #800	Pump Drain Valve (SS 316)					
RO 1		Orifice Material : (SS 316).					