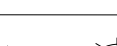



Nozzle information						
6	Plan 23 drain	N6	1/2"	ASME B16.5-09	Class600	RF
5	Plan 23 vent	N5	1/2"	ASME B16.5-09	Class600	RF
4	Baseplate drain	N4	1"	ASME B16.5-09	Class150	RF
3	Pump drain	N3	3/4"	ASME B16.5-09	Class300	RF
2	Pump Discharge	N2	1-1/2"	ASME B16.5-09	Class300	RF
1	Pump Suction	N1	2"	ASME B16.5-09	Class300	RF
NO.	Nozzle	Sign	NPS	Standard	Rating	Face

Nozzle load,Force(N)/Moment(N.m)					
	DN1	F <sub>x</sub>	F <sub>y</sub>	F <sub>z</sub>	
		1780	1420	1160	
		M <sub>x</sub>	M <sub>y</sub>	M <sub>z</sub>	
		920	460	700	
		DN2	F <sub>x</sub>	F <sub>y</sub>	F <sub>z</sub>
			1420	1160	1780
	M <sub>x</sub>		M <sub>y</sub>	M <sub>z</sub>	
	920		460	700	

REFERENCE DRAWING	DWG. NO.
MOTOR OUTLINE DRAWING	NGL-V-2014-ME-DW-1018
COUPLING DRAWING	NGL-V-2014-ME-DW-1016
PUMP DATA SHEET	NGL-V-2014-ME-DT-1003
PUMP CROSSSECTION DRAWING	NGL-V-2014-ME-DW-1005
PUMP P&ID	NGL-V-2014-ME-PD-1006
Seal System Drawing and BOM	NGL-V-2014-ME-DW-1013


PUMP INFORMATION	
Item No.:	P-3112-05 A/S
Service:	Steam Condensate Pump
Model:	EAP 40-200D-35-XA
Seal Plan:	23+61
Flow/Head	5.8m <sup>3</sup> /h & 53.4m
Motor:	5.5KW - 2P
Rotation:	Clockwise viewed from the drive-end
No of Stages:	1
Pump speed:	2900 rpm

Code1	<input type="checkbox"/> (Approved: No comment and release for Manufacturing (Document to be stamped as Final for considering in Vendor Data Book))
Code2	<input type="checkbox"/> (Approved with Comments): VENDOR/Sub-Contractor shall correct/revise document and issue it as "FOR APPROVAL" (Work May Be Proceeded)
Code3	<input type="checkbox"/> (Commented): VENDOR/Sub-Contractor shall correct /revise and resubmit it as "FOR APPROVAL" of the date documents specified (Corrected to be resubmitted before starting to manufacture.
No Code	<input type="checkbox"/> CONSULTANT and PURCHASER check results on Class 2 documents will be returned without any Code. VENDOR/Sub-Contractor shall correct/revise document and issue it as "FOR INFORMATION"
<p>The above checking result by OIEC shall in no way relieve Vendor of any liability, obligation and responsibility out of the purchase order and the mutual agreement in writing</p>	
 <p>building trust          الحركة الهندسية و المهندسين استشارات</p>	<p>DATE :</p> <p>DEPT:</p> <p>Signature :</p>

Static loading calculation results			Dynamic loading calculation results		
FXstatic=	3200/3200	N	FXdynamic=	0/0	N
FYstatic=	2580/2580	N	FYdynamic=	0/0	N
FZstatic=	-2200/8100	N	FZdynamic=	0/0	N
MXstatic=	3429/3429	N*mm	MXdynamic=	3090/-3089	N*mm
MYstatic=	4748/4289	N*mm	MYdynamic=	0/0	N*mm
MZstatic=	2879/2879	N*mm	MZdynamic=	0/0	N*mm

Note:  
Location of Loads & Moments Calculation is the geometric center of baseplate lower surface.

D3	20.08.13	ISSUED FOR APPROVAL	R.X	T.H	R.C	A.A.
D2	20.07.15	ISSUED FOR APPROVAL	R.X	T.H	R.C	A.A.
D1	20.06.02	ISSUED FOR APPROVAL	R.X	T.H	R.C	A.A.
D0	20.04.30	ISSUED FOR APPROVAL	R.X	T.H	R.C	A.A.
REV.	DATE	DESCRIPTION	PREP	CHECK	APPROVAL	CHIEF APP

Project Title:		NGL 3100 PROJECT									
Contractor:		 OIEC ...building trust شرکت مهندسی و ساختمان صنایع نفت									
STATUS CODE: A=Comment/Review B=Approval C=Final Issue											
Pump General Arrangement Drawing For Steam Condensate Pump P-3112-05 A/S											
OWNER DRAWING NUMBER											
Project Name	Originator	PO Serial No.	Disc.	Doc. Type	Seq No.	Rev.	Sheet No.	Status	Class	Size	
NGL	V	2014	ME	DW	1002	D3	1 OF 1	B	1	A	
OIEC DRAWING NUMBER											
Project Code	Source	Unit & Section	Phase	Disc.	Doc. Type	Serial No.		Rev			

WEIGHT(Kg)		Anchor Bolt Detail	Earthing bolt detail	PUMP END	LIFTING LUG
Total	576				
Skid weight	260				
Aux. weight	70				
Motor weight	81				
Pump weight	165				

Date: \_\_\_\_\_