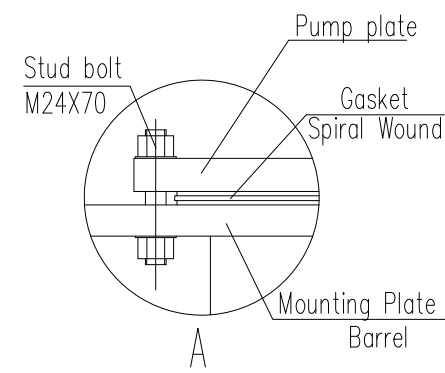
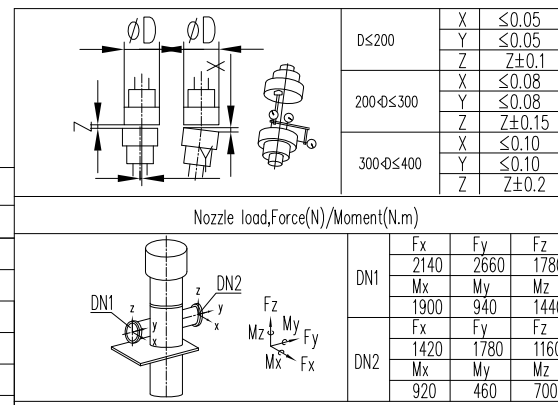
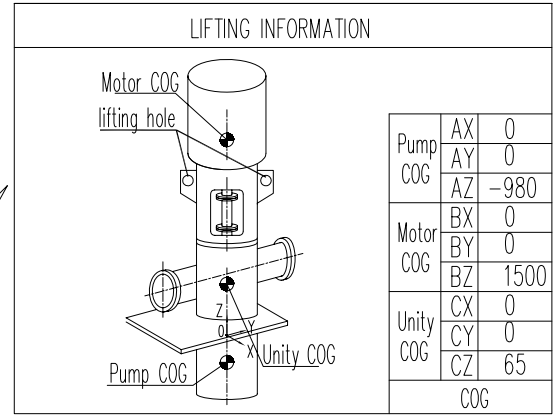


Nozzle information					
8	Plan 52 Filling	N8	1/2" NPT Quikly connection		
7	Plan 52 Vent(To Flare)	N7	1/2" ASME B16.5-09	Class600	RF
6	Plan 52 Cooler Drain	N6	1/2" ASME B16.5-09	Class600	RF
5	Plan 52 Drain	N5	1/2" ASME B16.5-09	Class600	RF
4	Barrel Drain	N4	3/4" ASME B16.5-09	Class300	RF
3	Pump & Seal Vent	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	3" ASME B16.5-09	Class300	RF
NO.	Nozzle	Sign	NPS	Standard	Rating
					Face




Note:
 1. For the lifting lug, lifting lug-1 will be used for the first installation, lifting lug-2 for pump repair
 2. There should have pressure N2 gas source for barrel drain.
 3. The weight of maximum maintenance part is 240 kg(Suction and discharge section)



NGL-CT-1-0000-ME-PO-0014-D0

REFERENCE DRAWING	DWG. NO.
MECH. SEAL SYSTEM DRAWING	NGL-V-0014-ME-DW-4007
MOTOR OUTLINE DRAWING	NGL-V-0014-ME-DW-4009
COUPLING DRAWING	NGL-V-0014-ME-DW-4008
PUMP DATA SHEET	NGL-V-0014-ME-DW-4013
PUMP CROSS SECTION DRAWING	NGL-V-0014-ME-DW-4005
PUMP P&ID	NGL-V-0014-ME-PD-4018


PUMP INFORMATION	
Item No.:	P-3145-01
Service:	Propane Truck Unloading Pump
Model:	LDB 30-35X3-B
Seal Plan:	14+52
Flow/Head	10m3/h & 22.76m
Motor:	4KW - 4P
Rotation:	Anti-clockwise viewed from the drive-end
No of Stages:	3
Rotor weight:	92kg
Rotor speed:	1440 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"
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	
 <div> DATE : DEPT : Signature : </div>	

Static loading calculation results			Dynamic loading calculation results		
FXstatic=	84/-84	N	FXdynamic=	3560/-3560	N
FYstatic=	84/-84	N	FYdynamic=	4440/-4440	N
FZstatic=	0/0	N	FZdynamic=	-27596/-33476N	
MXstatic=	48/-48	N*m	MXdynamic=	6030/-6030	N*m
MYstatic=	48/-48	N*m	MYdynamic=	2913/-2913	N*m
MZstatic=	26/26	N*m	MZdynamic=	3742/-3742	N*m

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

REV.	DATE	DESCRIPTION	DESIGNED	CHECKED	APPROVED	OIEC APP.
D0	15.0.15	ISSUED FOR APPROVAL	NZ	T.H	R.C	B.KHODADADEH
D4	25.3.19	ISSUED FOR APPROVAL	NZ	T.H	R.C	B.KHODADADEH
D3	23.2.19	ISSUED FOR APPROVAL	NZ	T.H	R.C	B.KHODADADEH
D2	22.1.19	ISSUED FOR APPROVAL	NZ	T.H	R.C	B.KHODADADEH
D1	20.12.18	ISSUED FOR APPROVAL	NZ	T.H	R.C	B.KHODADADEH
D0	15.0.15	ISSUED FOR APPROVAL	NZ	T.H	R.C	B.KHODADADEH

Project Title: NGL 3100 PROJECT									
Contractor: 									
STATUS CODE: A=Comment/Review B=Approval C=Final Issue									
Pump General Arrangement Drawing For Propane Truck Unloading Pump P-3145-01									
OWNER DRAWING NUMBER									
Project Name	Originator	PO Serial No.	Disc.	Doc. Type	Seq No.	Rev.	Sheet No.	Status	Class
NGL	V	0014	ME	DW	4003	D5	1 OF 1	B	1
OIEC DRAWING NUMBER									
Project Code	Source	Unit & Section	Phase	Disc.	Doc. Type	Serial No.	Rev.		