	BULF	(OIL STOR	AGE INSTAL	LATION AT KEAMAR	Date Sheet —	2/8/2018 1 of 1 Rev. 0
Note: O Indica	•		As Built O eted by Purcha	ser;		
For				Site		
Unit				Service		
No. Pumps Req'd	2 No. Motor	Mtd By				
Item No.	NIa Toule	Naphtha Export	<u>t</u>			
No. Engines Req'd Item No.	- No. Turbii	Mtd By				
Item No. - Item Description Pump Mfr. Size and Type Manufacture					r Std. Serial N	lo.
OPERATING CONDITIONS, EACH PUMP					PERFORMANCE	
Liquid Naphtha US gpm at P.T. Nor. 3000 Rated					Proposal Curve No.	
Sp. Gravity at P. T.	0.75	Disch. Pre	•	109		NPSHR (Water)
· · · · · · · · · · · · · · · · · · ·	Max. 45		s., Psia max.	Rated 12 97	Eff. E	BHP Rated
Vap. Press. at P.T, Psia 8 Diff. Head, Psi. 97 Viscosity cP 1 NPSHA, Ft. 12					Min. Continuous g	
Corr/Eros. Caused by Water Hyd. HP					Rotation (Viewed	
Location: O Ind			O Safe	X Hazardous		
Working: X Co	ntinuous O	Intermittent	O Random	•		
CONSTRUCTION					SHOP TESTS	
Nozzles	Size	Rating	Facing	Location	X Non-Wit. Perf.	
Suction Discharge		150# 150#	RF RF		X Non-Wit. Hydro X NPSH Req'd.	o O Wit. Hydro O Wit. NPSH
	Centerline O			rt. (Type)	O Shop Inspection	
Case-mount: O Centerline O Foot O Bracket O Vert. (Type) O Axial O Rad; Type Volute O SGL O DBL O Diffuser					O Dismant. & Insp. After Test	
- Press: O Max. Allow, psig °F; O Hydro Test psig						
	X Vent X Dra		O PSV	l a =		
	Rated			O Type:		
Mount: O Between Brgs O Overhung Bearings-type: O Radial O Thrust					MATERIALS	
Lube: O Ring Oil O Flood O Oil Mist O Flinger O Pressure					Material Class:	
Coupling: X Mfr. Metastream or Eq. X Model Sparkproof						oon Steel
Driver Half Mtd By: O Pump Mfr. O Driver Mfr. O Purchaser						oon Steel
Packing: O Mfr. & Type O Size/No. of Rings					Shaft 4140	O Alloy Steel
		YES	API Class. Co		Racoplato: V	/oc
O Mfr. Code					<u> </u>	es
O C.W. Pipe Plan O CU; O SS; O Tubing; O Pipe					VER Pit or Sump Depth	RTICAL PUMPS
O Total Cooling Water Req'd, gpm O Sight F.I. Req'd					Min. Submergence Req'd.	
O Packing Cooling I		Column Pipe: X Flanged O Threaded				
O Seal Flush Pipe P	Plan	Line Shaft: O	open O Enclosed			
O External Seal Flus			Q Line Shaft			
O Aux Soal Out			Vater X Oil O Grease			
O Aux. Seal Que	enon Fluid	Float & Rod O C				
		MOTOR DRIV	/ER		Pump thrust,lb.	
Est. Power Reqd.			Volts/Phase/Cycl	es 400/3/50		
Type Eexd II (gs	Lube		Approx. WT. Pum	
Type TEFC	Insul. Temp. Ris	F 80	Full Load / Locked Rotor	· ————	Motor	Turbine
LIIC	remp. Kr	50, O 00	FOCKER LOUR	Ampa	I	

Spec. No.

NOTES:

- 1- X: means requirement
- 2- Electric Motor drivers shall be in accordance with IEC
- 3- Pump with Motor should be mounted on common base plate by pump manufacturer.
- 4- Pump suction and discharge nozzles should be of standard size. If non-standard size like 2 1/2", 3 1/2", 5", etc. is provided with pump, then mating flange with next higher standard size reucer shall be provided with pump.
- 5- At site there is no Cooling Water system and Compressed Air system.