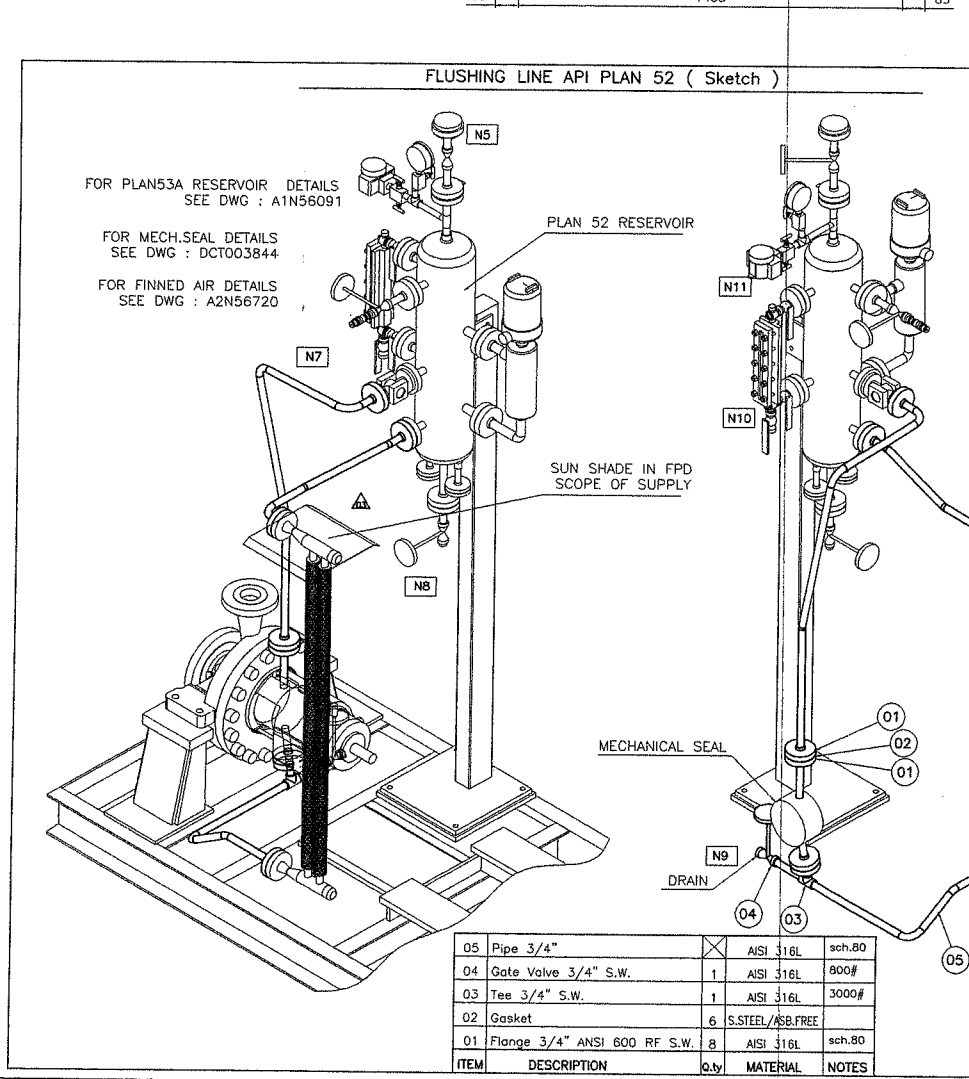
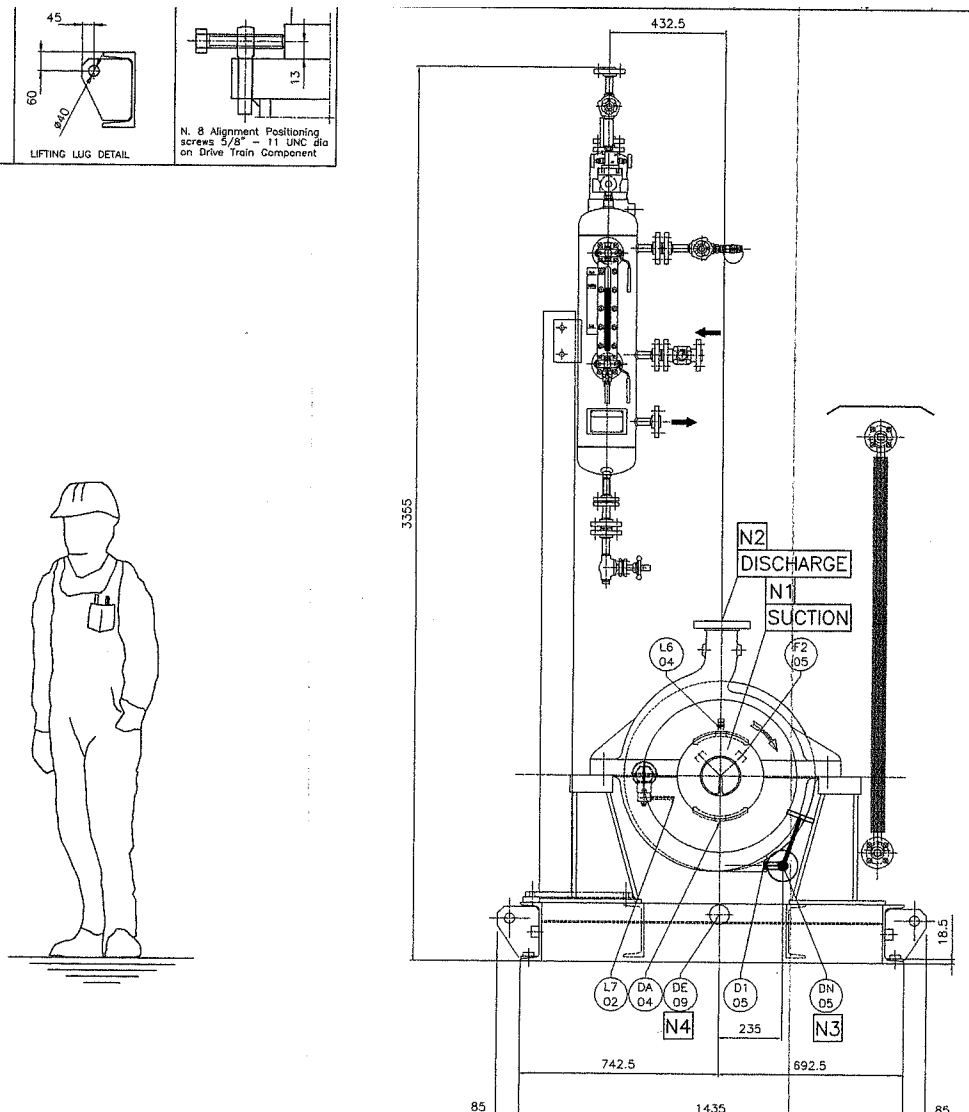


Item	POS	Q.	CONN.	TYPE	DESCRIPTION
D1	1	1	3/4"	S.W.	Case Drain
DA	1	1	1/2"	NPT	Support Frame Oil Drain
DA	1	1	1/2"	NPT	DISCHARGE
N1	1	1	ANSI300RF	6"	SUCTION
N4	1	1	ANSI300RF	6"	Baseplate Drain
N5	1	1	1/2"	NPT	Drain with Gate Valve & Term.Flange (Mat.A 350LP2)
N6	1	1	3/4"	ASME 300 RF	Earth. Bosses on opposite side
N7	1	1	1/2"	NPT	Breath.& Oil Filling Hole
N8	1	1	3/4"	S.W.	Flushing Outlet API PLAN 11
N9	1	1	3/4"	S.W.	Flushing Inlet API PLAN 11
N10	1	1	1/2"	NPT	Constant Level Oiler
N11	1	1	1/2"	NPT	

RESERVOIR CONNECTIONS	DESCRIPTION
N5 1	3/4" ANSI 600 RF VENT / FLARE
N6 1	3/4" ANSI 600 RF NITROGEN INLET
N7 1	1/2" NPT FILLING
N8 1	3/4" NPT DRAIN
N9 1	3/4" S.W. DRAIN PLAN 53A
N10 1	1/2" NPT LG DRAIN - DRAIN PLUGGED
N11 1	1/2" NPT LG VENT - DRAIN PLUGGED



Aux.Piping Slope  
as per API 682

1000

40

REVISIONS

Rev.	Date	Description	Drw.	Chk'd	Appr.
01	14/12/2000	FIRST ISSUE	SA	RA	FR
02	14/12/2000	REVISED	SA	RA	FR
03	24/04/06	REVISED	SA	RA	FR
04	08/01/08	REVISED	SA	RA	FR
05	08/02/07	REVISED	SA	RA	FR

FOR FPD INTERNAL USE ONLY

CENTERS OF GRAVITY	(mm)
PUMP	X 674
DRIVER	Y -15
DRIVER	Z 740
DRIVER	X 1888.5
DRIVER	Y 0
DRIVER	Z 730
DRIVER	X 1301
DRIVER	Y -5
DRIVER	Z 549

FLUSHING LINE API PLAN 13 ( Sketch )

06	Pipe 3/4"	1	SAI 316L	sch.160
05	Pipe 3/4"	1	SAI 316L	sch.80
04	Gasket	3	S.STEEL/ASB.FREE	
03	Orifice 4.1 dia	1	SAI 316L	
02	Flange 3/4" ANSI 600 RF S.W.	1	SAI 316L	sch.160
01	Flange 3/4" ANSI 600 RF S.W.	3	SAI 316L	sch.80

ITEM DESCRIPTION QTY MATERIAL NOTES

SELF VENTING PUMP

ALL FLANGE HOLES STRADDLE CENTERLINE

ALL FLANGES WILL BE SMOOTH FINISH 125-250 AARH

SUCTION	DISCHARGE
6" de ASME 300 RF	3" de ASME 300 RF
mm	mm
154	154
320	210
269.9	168.3
12	8
22.2	22.2
215.9	127
2	2
35	27

EL Motor

Type : AM 225M N

HZ: 50 KW: 37 PHASE: 3 V: 400 RPM: 1480

ENCL/FRAME: DWG:

Coupling: METASTREAM

Type: TSKS0075

with non sparking guard Material: Aluminium

MECHANICAL SEAL CONNECTIONS

FI 3/4" NPT Flushing Outlet

BI 3/4" NPT Barrier Fluid Inlet

BO 3/4" NPT Barrier Fluid Outlet

QI 1/2" NPT Quench Inlet

D 1/2" NPT Drain

COUPLING END VIEW

2 x FORCES

N API 610

2 x MOMENTS

Nm API 610

DISCHARGE 2140 1780 2680 3860 1900 940 1440 2650

SUCTION 6220 4980 4100 8960 4600 2360 3520 6260

FOUNDATION LOADS (approx. Weight)

PUMP : KG 630

BASE & COUPL. : KG 630

MOTOR : KG 350

TOTAL : KG 1810

DYNAMIC LOADS ARE NEGLIGIBLE

CROSS SECTION DWG: DCE000198

MECHANICAL SEAL FLOWSEV API CODE BTAIN

TYPE : TBA DWG: DCT003844

FLUSHING LINE API PLAN 13/53A/61

COOLING LINE N.A.

P.O. NUMBER POCG-780-S1-156

PROJECT SOUTH PARS GAS DEVELOPMENT

SITE ASSALUYEH PERSIAN GULF

SERVICE RECOVERED PROPANE TRANSFER PUMP

ITEM 147-P-100 A/B

SERIAL N. D85125/26

CUSTOMER INFORMATION

FLOWSEV Pump Division

DWG TITLE 3 HPX 22A CENTRIFUGAL PUMP GENERAL ARRANGEMENT

SIZE A0

DRAWING NO. DEK038447

SCALE 1/10

UNITS metric

SHEET NO. 1/1

Rev. Date Description ORIG PRPD CTRD APPD

SOUTH PARS GAS FIELD DEVELOPMENT - PHASES 9&10, ASSALUYEH - IRAN ONSHORE FACILITIES

Project No.: POCG-780-S1-156

Doc. Class:

Scale:

TITLE RECOVERED PROPANE TRANSFER PUMP 147-P-100A/B GENERAL ARRANGEMENT

DRAWING No. VP-6340-147-P100-117

SMT No. 1 of 1

Rev. 3