



G-006A/B NOTE 9, 11
SLOP TANK PUMPS

CAPACITY m³/hr (BPD) : 292 (44000)
DRIVER POWER KW (HP) : 110 (148)
DIFF PRESS. ΔP bar (PSI) : 7.97 (115.5)
FLUID VISCOSITY @ PT CP : 1.06~3.36
OP PRESS/DES PRESS barg (PSIG) : 8/11.58 (116/168)
OP TEMP/DESIGN TEMP °C (°F) : 15~55/93/~3 (59~131/200/27)
UTC NO. :
TRIM NO. : GT-G006A/B-Q15B

GENERAL NOTES:

- FOR STANDARD SYMBOLS AND NOMENCLATURE SEE DRAWINGS 50489-530-020-PID-1104.001 & .002.
- ALL EQUIPMENT NUMBERS SHOWN ON THIS P&ID ARE PRECEDED BY 530--.
- ALL INSTRUMENT NUMBERS SHOWN ON THIS P&ID ARE PRECEDED BY 030--.
- FOR TYPICAL INSTRUMENT CONNECTION, SBDV, XV, MOV & ESDV DETAILS SEE DRAWINGS 50489-530-020-PID-1106.001, .002, .003, .004, .005, .006 & .007.
- FOR MISCELLANEOUS PIPING TYPICAL VALVING, DRAINAGE & GENERAL ARRANGEMENT OF LEVEL INSTRUMENTS, PUMPS, STRAINERS & CONTROL VALVES SEE DRAWINGS 50489-530-020-PID-1108.001 TO 1108.010.
- DRAWING NUMBERS SHOWN IN P&ID CONTINUATION BOXES ARE ABBREVIATED SHOWING DRAWING SEQUENTIAL NUMBERS ONLY. THE FULL FORM OF THE DRAWING NUMBER IS 50489-530-020-PID-XXXX.SHT.NO.
- FOR MATERIAL SELECTION DIAGRAM SEE DRAWINGS 50489-530-020-MSD-1001.001 TO 1023.
- DETAIL NUMBERING FOR CI, SC, CC & CP SEE DRAWING 50489-530-020-PID-1108.003.
- PAINING & COATING ARE IN ACCORDANCE WITH KOC-P-001.
- LOW POINT DRAIN & HIGH POINT VENT ARE INDICATED IN P&ID.
- FOR CAUSE & EFFECT REFER DOC. NO. 50489-530-020-PHL-1009.
- FOR ALARM VALUES REFER DOC. NO. 50489-530-020-SUM-1006.

NOTES:

- CONNECTIONS FOR FUTURE PUMP.
- CHECK VALVE ARE OF THE NON-SLAM TYPE.
- DELETED.
- DUPLEX STRAINERS WITH PROPER DRAINAGE TO DRAIN SYSTEM.
REFER P&ID:- 50489-530-020-PID-1108.004.
- PURGE CONNECTION IS PROVIDED TO PURGE THE PUMP FROM SUCTION LINE TO DISCHARGE LINE.
- DELETED.
- SUCTION AND DISCHARGE LINES SIZED FOR PARALLEL OPERATION OF PUMPS.
- PUMPS ARE FOR INTERMITTENT USE & CAN BE OPERATED EITHER INDEPENDENTLY OR IN PARALLEL.
- DELETED.
- WHEN BOTH LAHH-0265 (PID:-1151.001) & LAHH-0268 (PID:-1151.002) ARE ACTUATED, SLOP TANK PUMP G-006A/B SHALL ALSO BE TRIPPED. PROCESS OVERRIDE IS PROVIDED FOR THIS TRIP.
- STRAIGHT LENGTH REQUIRED
(a) FOR ORIFICE FLOW METER : 20D UPSTREAM & 5D DOWNSTREAM
(b) DELETED.
- BLEED POINT IS PROVIDED.

AS-BUILT	
KOC APPROVAL	
NAME / KOC No:	
DESIGNATION :	
GROUP / TEAM :	
SIGNATURE :	
DATE :	

AS-BUILT	
LARSEN & TOUBRO LIMITED	
NAME :	VAIBHAV VERMA
DESIGNATION :	AGM
SIGNATURE :	
DATE :	07-Aug-2018
DEPT/ DIVISION :	ENGINEERING

Z0	ISSUED FOR AS-BUILT	BAK/SSI	AKG	SRA	RAK	07.08.18
01	ISSUED FOR CONSTRUCTION	BAK/SSI	AKG	SRA	RAK	04.11.16
0	ISSUED FOR CONSTRUCTION	HSB/VSA	AKG	SRA	RAK	25.03.16
D	ISSUED INCORPORATED CLIENT COMMENTS	BAK/VSA	AKG	SRA	RAK	23.12.15
C	ISSUED INCORPORATED CLIENT COMMENTS	BAK/VSA	AKG	SRA	RAK	14.10.15
OC	ISSUED INCORPORATED CLIENT COMMENTS	BAK/VSA	AKG	SRA	RAK	30.05.15
B	ISSUED INCORPORATED CLIENT COMMENTS	BAK/VSA	AKG	SRA	RAK	19.02.15
A	ISSUED FOR APPROVAL	BAK/VSA	AKG	SRA	RAK	05.12.14
REV.	DESCRIPTION	DRAWN	CHECKED	HOD	PEM	DATE
				APPRD.		

CONTRACTOR REVISION



CONTRACTOR DETAILS:-
LARSEN & TOUBRO LIMITED
FARIDABAD

PROJECT TITLE:-
NEW GATHERING CENTRE GC-30
IN NORTH KUWAIT

DOCUMENT TITLE:-
PIPING & INSTRUMENTATION DIAGRAM
SLOPS TANK PUMPS (G-006A/B)

PROJECT NO.	DRAWING NO.
CONTRACTOR DRG. NO.	REV. KOC DRG. NO.
50489-530-020-PID-1154.002	Z0
SHEET NO. 2 OF 4	SHEET NO.
COMPANY DRG. NO.	REV.
EF1902-530-DCO-PID-0154.002	A1
SHEET NO.	