



GENERAL NOTES:

- A. FOR STANDARD SYMBOLS AND NOMENCLATURE SEE DRAWINGS 50489-530-020-PID-1104.001 & .002.
B. ALL EQUIPMENT NUMBERS SHOWN ON THIS P&ID ARE PRECEDED BY 530--.
C. ALL INSTRUMENT NUMBERS SHOWN ON THIS P&ID ARE PRECEDED BY 030--.
D. FOR TYPICAL INSTRUMENT CONNECTION SBDV, XY, MOV & ESDV DETAILS SEE DRAWINGS 50489-530-020-PID-1106.001, 002, .003, .004, .005, .006 & .007.
E. 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.
F. 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.
G. FOR MATERIAL SELECTION DIAGRAM SEE DRAWINGS 50489-530-020-MSD-1001.001 TO 1023.
H. DETAIL NUMBERING FOR CI, SC, CC & CP SEE DRAWING 50489-530-020-PID-1108.003.
I. PAINTING & COATING ARE IN ACCORDANCE WITH KOC-P-001.
J. LOW POINT DRAIN & HIGH POINT VENT ARE INDICATED IN P&ID.
K. FOR CAUSE & EFFECT REFER DOC. NO. 50489-530-020-PHL-1009.
L. FOR ALARM VALUES REFER DOC. NO. 50489-530-020-SUM-1006.

NOTES:

1. FOR BURNER MANAGEMENT SYSTEM DETAILS, REFER VENDOR TO FUNCTIONAL DESIGN SPECIFICATION NO.: 50489-530-080-29021-SPC-V002.
2. START UP/STOP SEQUENCE WILL BE PROVIDED IN BMS BLOCK LOGIC DIAGRAM.
3. DELETED.
REFERENCE VENDOR DRAWING NO. 50489-530-020-29021-PID-V004.

AS-BUILT

KOC APPROVAL

NAME / KOC No.:

DESIGNATION :

GROUP / TEAM :

SIGNATURE :

DATE :

AS-BUILT

LARSEN & TOUBRO LIMITED

NAME : VAIBHAV VERMA

DESIGNATION : AGM

SIGNATURE :

DATE : 10-Oct-2018

DEPT/ DIVISION : ENGINEERING

Z1	RE-ISSUED FOR AS-BUILT	SHH/PS	AKG	SRA	RAK	10.10.18
Z0	ISSUED FOR AS-BUILT	SHH/PS	AKG	SRA	RAK	06.09.18
O	ISSUED FOR CONSTRUCTION	SHH/PS	AKG	SRA	RAK	03.06.16
D	ISSUED INCORPORATED CLIENT COMMENTS	SHH/PS	AKG	SRA	RAK	30.04.16
C	ISSUED INCORPORATED CLIENT COMMENTS	BAK/VSA	AKG	SRA	RAK	11.09.15
B	ISSUED INCORPORATED CLIENT COMMENTS	BAK/VSA	AKG	SRA	RAK	17.02.15
A	ISSUED FOR APPROVAL	BAK/VSA	AKG	SRA	RAK	29.11.14
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
DESALTER FEED HEATER MANAGEMENT SYSTEM TRAIN B (F-201B)

PROJECT NO.	DRAWING NO.		
EF1902	CONTRACTOR DRG. NO.	REV.	KOC DRG. NO.
	50489-530-020-PID-1133.016	Z1	
	SHEET NO. 16 OF 16	SHEET NO.	
	COMPANY DRG. NO.	REV.	
	EF1902-530-DCO-PID-0133.004	A1	
	SHEET NO.		