



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, XV, NOV & 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 IS 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	SHS/PS	AKG	SRA	RAK	10.10.18
Z0	ISSUED FOR AS-BUILT	SHS/PS	AKG	SRA	RAK	06.09.18
O	ISSUED FOR CONSTRUCTION	SHS/PS	AKG	SRA	RAK	03.06.16
D	ISSUED INCORPORATED CLIENT COMMENTS	SHS/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



KUWAIT OIL CO.
K. S. C.
شركة نفط الكويت
K. S. C.



شركة نفط الكويت
ش.م.ك.
شركة نفط الكويت
Kuwait Petroleum Corporation

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-201A)

PROJECT NO.	DRAWING NO.		
EF1902	CONTRACTOR DRG. NO.	REV.	KOC DRG. NO.
	50489-530-020-PID-1133.012	Z1	
	SHEET NO. 12 OF 16		SHEET NO.
	COMPANY DRG. NO.	REV.	
	EF1902-530-DCO-PID-0133.004	A1	
	SHEET NO.		