

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, 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. ALL CHEMICAL INJECTION POINTS ARE ACCESSIBLE FROM UTILITY STATIONS FOR FLUSHING THE INJECTION LINES.
2. VALVED CONNECTIONS ARE PROVIDED ON THE HEADERS FOR FUTURE EXPANSION OF THE GATHERING CENTRE.
3. THE CONNECTION FOR IRRIGATION IS PROVIDED.
4. FUTURE PIPELINE CONNECTION.
5. REMOVABLE SPOOL.
6. ALL UTILITY SUB HEADER SIZE HAS BEEN CONSIDERED BASED ON TWO NO's OF UTILITY HEADER IN OPERATION SIMULTANEOUSLY.

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


AS-BUILT	
LARSEN & TOUBRO LIMITED	
NAME : VAIBHAV VERMA	
DESIGNATION : AGM	
SIGNATURE :	
DATE : 25-Nov-2018	
DEPT/ DIVISION : ENGINEERING	

Z2	ISSUED FOR AS-BUILT	HSH/ABY	AKG	SRA	RAK	25.11.18
Z1	ISSUED FOR AS-BUILT	HSH/ABY	AKG	SRA	RAK	08.10.18
Z0	ISSUED FOR AS-BUILT	HSH/ABY	AKG	SRA	RAK	27.09.18
02	ISSUED FOR CONSTRUCTION	HSH/ABY	AKG	SRA	RAK	05.04.17
01	ISSUED FOR CONSTRUCTION	HSH/ABY	AKG	SRA	RAK	14.09.16
0	ISSUED FOR CONSTRUCTION	PAK/ABY	AKG	SRA	RAK	30.03.16
A	ISSUED FOR INFORMATION	JSI/ABY	AKG	SRA	RAK	27.10.15
0A	ISSUED FOR APPROVAL	BAK/ABY	AKG	SRA	RAK	05.06.15
REV.	DESCRIPTION	DRAWN	CHECKED	HOD	PEM	DATE

CONTRACTOR REVISION

**KUWAIT OIL CO.**
K. S. C.

شركة نفط الكويت
ش.م.ك.

CONTRACTOR DETAILS:-
**LARSEN & TOUBRO LIMITED**
FARIDABAD

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

DOCUMENT TITLE:- PIPING & INSTRUMENTATION DIAGRAM UTILITY WATER DISTRIBUTION	
PROJECT NO.	DRAWING NO.
CONTRACTOR DRG. NO. 50489-530-020-PID-1225.002	REV. KOC DRG. NO. Z2
SHEET NO. 2 OF 2 COMPANY DRG. NO. EF1902-530-DCO-PID-0225.001	SHEET NO.
SHEET NO.	