



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

AS-BUILT	
LARSEN & TOUBRO LIMITED	
NAME :	VAIBHAV VERMA
DESIGNATION :	AGM
SIGNATURE :	
DATE :	23-Sep-2018
DEPT/ DIVISION :	ENGINEERING

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 ABOVE GROUND PIPING TO BE INSULATED TO PROTECT PIPEWORK FROM HEAT BUILD UP DUE TO SOLAR RADIATION(SR).
2. MASTER ISOLATION, LOCATE CLOSE TO CENTRAL BUILDING.
3. THE ISOLATION VALVE LIES INSIDE BUILDING.
4. TANK SHOWER WITH CHILLER (SEE VENDOR DRAWINGS FOR DETAILS).
5. PROVIDE SUNSHADE.
6. POTABLE WATER FOR PERSONAL DEMAND AND EYEWASH IN BATTERY ROOM.
7. POTABLE WATER FOR PERSONAL DEMAND, EYEWASH IN GAS LABORATORY, EYEWASH IN WATER LABORATORY & EYE WASH IN CRUDE LABORATORY.
8. VENDOR SUPPLY.
9. REFER TABLE-2 FOR EYE WASH DRAIN LINE NUMBERS.

TABLE-1
SAFETY SHOWER DRAIN LINE NUMBER

SERIES	DRAIN LINE NUMBER
SS-01	2"-DD-1221-C13B
SS-02	2"-DD-1222-C13B
SS-03	2"-DD-1223-C13B
SS-04	2"-DD-1224-C13B
SS-05	2"-DD-1225-C13B
SS-06	2"-DD-1226-C13B
SS-07	2"-DD-1227-C13B
SS-08	2"-DD-1228-C13B
SS-09	2"-DD-1229-C13B
SS-10	2"-DD-1230-C13B
SS-11	2"-DD-1231-C13B
SS-12	2"-DD-1232-C13B
SS-13	2"-DD-1223-C13B

TABLE-2
EYE WASH DRAIN LINE NUMBER

SERIES	DRAIN LINE NUMBER
EW-01	2"-DD-1216-C13B
EW-02	2"-DD-1217-C13B
EW-03	2"-DD-1218-C13B
EW-04	2"-DD-1219-C13B
EW-05	2"-DD-1220-C13B

Z0	ISSUED FOR AS-BUILT	BAK/SSI	AKG	SRA	RAK	23.09.18
01	ISSUED FOR CONSTRUCTION	BAK/SSI	AKG	SRA	RAK	02.12.16
0	ISSUED FOR CONSTRUCTION	PAK/ABY	AKG	SRA	RAK	30.04.16
D	ISSUED INCORPORATED CLIENT COMMENTS	PAK/ABY	AKG	SRA	RAK	19.03.16
C	ISSUED INCORPORATED CLIENT COMMENTS	JSI/ABY	AKG	SRA	RAK	28.10.15
OC	ISSUED INCORPORATED CLIENT COMMENTS	BAK/SSI	AKG	SRA	RAK	03.06.15
B	ISSUED INCORPORATED CLIENT COMMENTS	JSI/VSA	AKG	SRA	RAK	19.02.15
A	ISSUED FOR APPROVAL	JSI/ABY	AKG	SRA	RAK	11.12.14
REV.	DESCRIPTION	DRAWN	CHECKED	HOD	PEM	DATE
				APPRD.		

CONTRACTOR REVISION

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

شركة نفط الكويت
ش.م.ك.

A Subsidiary of Kuwait Petroleum Corporation

CONTRACTOR DETAILS:-
LARSEN & TOUBRO LIMITED
FARIDABAD

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

DOCUMENT TITLE:-
PIPING & INSTRUMENTATION DIAGRAM
POTABLE WATER DISTRIBUTION - BUILDINGS

PROJECT NO.	DRAWING NO.	
EF1902	CONTRACTOR DRG. NO.	REV. KOC DRG. NO.
	50489-530-020-PID-1236.001	Z0
	SHEET NO. 1 OF 2	SHEET NO.
	COMPANY DRG. NO.	REV.
	EF1902-530-DCO-PID-0236.001	A3
	SHEET NO.	