

S NO.	TAG NUMBER	P&ID NO.	TYPE OF LEVEL INSTRUMENT	DRAIN LINE NO.	COMMON A/G DRAIN HEADER LINE NO.	COMMON U/G DRAIN HEADER LINE NO.	VENT LINE NO.	REMARKS
1	030-LIT-1011	50489-530-020-PID-1115	DISPLACER	3/4"-DD-0702-Q15B	2"-DD-0701-Q15B	2"-DD-0701-F10B		
2	030-LIT-1014	50489-530-020-PID-1115	DISPLACER					
3	030-LDG-1011	50489-530-020-PID-1115	MAGNETIC	3/4"-DD-0704-Q15B				
4	030-LDIT-1012	50489-530-020-PID-1115	DISPLACER					
5	030-LIT-1013	50489-530-020-PID-1115	DISPLACER	3/4"-DD-0703-Q15B				
6	030-LG-1013	50489-530-020-PID-1115	MAGNETIC					
7	030-LIT-1015	50489-530-020-PID-1115	DISPLACER					
8	LEVEL BRIDLE C-101	50489-530-020-PID-1115	-					1"-VA-0703-C15B1
9	030-LIT-2011	50489-530-020-PID-1116	DISPLACER	3/4"-DD-0706-Q15B	2"-DD-0705-Q15B	2"-DD-0705-F10B		
10	030-LIT-2014	50489-530-020-PID-1116	DISPLACER	3/4"-DD-0708-Q15B				
11	030-LDG-2011	50489-530-020-PID-1116	MAGNETIC					
12	030-LDIT-2012	50489-530-020-PID-1116	DISPLACER	3/4"-DD-0707-Q15B				
13	030-LIT-2013	50489-530-020-PID-1116	DISPLACER					
14	030-LG-2013	50489-530-020-PID-1116	MAGNETIC					
15	030-LIT-2015	50489-530-020-PID-1116	DISPLACER					
16	LEVEL BRIDLE C-201	50489-530-020-PID-1116	-					1"-VA-0707-C15B1
17	030-LIT-3014	50489-530-020-PID-1117	DISPLACER	3/4"-DD-0710-Q15B	2"-DD-0709-Q15B	2"-DD-0709-F10B		
18	030-LIT-3011	50489-530-020-PID-1117	DISPLACER	3/4"-DD-0712-Q15B				
19	030-LDG-3011	50489-530-020-PID-1117	MAGNETIC					
20	030-LDIT-3012	50489-530-020-PID-1117	DISPLACER	3/4"-DD-0711-Q15B				
21	030-LIT-3013	50489-530-020-PID-1117	DISPLACER					
22	030-LG-3013	50489-530-020-PID-1117	MAGNETIC					
23	030-LIT-3015	50489-530-020-PID-1117	DISPLACER					
24	LEVEL BRIDLE C-301	50489-530-020-PID-1117	-					1"-VA-0711-C15B1
25	030-LIT-0040A	50489-530-020-PID-1122	DISPLACER	3/4"-DD-0718-Q15B	2"-DD-0718-Q15B	2"-DD-1293-C15B		
26	030-LIT-0040B	50489-530-020-PID-1122	DISPLACER					
27	030-LIT-0040C	50489-530-020-PID-1122	DISPLACER					
28	030-LG-0040A	50489-530-020-PID-1122	MAGNETIC	3/4"-DD-0713-Q15B	2"-DD-0713-Q15B	2"-DD-0713-F10B		
29	030-LIT-0045A	50489-530-020-PID-1122	DISPLACER	3/4"-DD-0715-Q15B				
30	030-LG-0040B	50489-530-020-PID-1122	MAGNETIC					
31	030-LIT-0045B	50489-530-020-PID-1122	DISPLACER	3/4"-DD-0716-Q15B				
32	030-LG-0040C	50489-530-020-PID-1122	MAGNETIC					
33	030-LIT-0045C	50489-530-020-PID-1122	DISPLACER	3/4"-DD-0717-Q15B				
34	030-LG-0040D	50489-530-020-PID-1122	MAGNETIC					
35	030-LIT-0045D	50489-530-020-PID-1122	DISPLACER	3/4"-DD-0723-Q15B				
36	030-LDIT-0042	50489-530-020-PID-1122	DISPLACER					
37	030-LDG-0041A	50489-530-020-PID-1122	MAGNETIC	3/4"-DD-0720-Q15B	2"-DD-0718-Q15B	2"-DD-1293-Q15B (Connected to 2"-DD-1293-F10B)		
38	030-LDG-0041B	50489-530-020-PID-1122	MAGNETIC					
39	030-LIT-0041	50489-530-020-PID-1122	DISPLACER	3/4"-DD-0719-Q15B	2"-DD-0719-Q15B	2"-DD-0719-F10B		
40	030-LDIT-0043	50489-530-020-PID-1122	DISPLACER					
41	030-LDIT-0046	50489-530-020-PID-1122	DISPLACER					
42	030-LIT-0044	50489-530-020-PID-1122	DISPLACER	3/4"-DD-0722-Q15B	2"-DD-0718-Q15B	2"-DD-1293-Q15B (Connected to 2"-DD-1293-F10B)		


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 SHALL BE 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 LEVEL INSTRUMENT DETAILS REFER P&ID:- 50489-530-020-PID-1106.001 & 1108.008

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

AS-BUILT
LARSEN & TOUBRO LIMITED
NAME : VAIBHAV VERMA
DESIGNATION : AGM
SIGNATURE : 
DATE : 05-Aug-2018
DEPT/ DIVISION : ENGINEERING

Z0	ISSUED FOR AS-BUILT	HSH/VAJ	AKG	SRA	RAK	05.08.18
0	ISSUED FOR CONSTRUCTION	HSH/VAJ	AKG	SRA	RAK	05.08.16
B	ISSUED INCORPORATED CLIENT COMMENTS	PAK/VAJ	AKG	SRA	RAK	31.05.16
A	ISSUED FOR APPROVAL	HSH/VAJ	AKG	SRA	RAK	31.03.16
REV.	DESCRIPTION	DRAWN	CHECKED	HOD	PEM	DATE
				APPRD.		

CONTRACTOR REVISION



KUWAIT OIL CO.
K. S. C.



شركة نفط الكويت
ش.م.ك.



Kuwait Oil Company
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
LEVEL INSTRUMENTS DRAIN & VENT LINE NUMBERS

PROJECT NO.	DRAWING NO.			
EF1902	CONTRACTOR DRG. NO.	REV.	KOC DRG. NO.	REV.
	50489-530-020-PID-1113.001	Z0		
	SHEET NO. 1 OF 9		SHEET NO.	
	COMPANY DRG. NO.	REV.		
	SHEET NO.			