



GENERAL NOTES:

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

NOTES:

- ALL CHEMICAL INJECTION POINTS ARE ACCESSIBLE FROM UTILITY STATIONS FOR FLUSHING THE INJECTION LINES.
- VALVED CONNECTIONS ARE PROVIDED ON THE HEADERS FOR FUTURE EXPANSION OF THE GATHERING CENTRE.
- DELETED.
- DELETED.
- DELETED.
- PROVIDE TRAP UPSTREAM OF PIPE ELEVATION FOR AIR LINE PIPE WORK.
- DELETED.
- UTILITY STATION (US # 6, 37, 39, 49, 55 AND 67) HAS BEEN DELETED OR IN NOT USED.
- REFER TABLE-1 FOR TRAP ASSEMBLY & LINE NUMBERS, TA INDICATED TRAP ASSEMBLY.

TABLE-1: TABLE FOR TRAP TAG & LINE NUMBERS		
NO.	TRAP ASSEMBLY NO.	BALANCING LINE NO.
1.	TA-0071	3/4"-D0-1280-C13B1 1/2"-AP-1327-C13B1
2.	TA-0072	3/4"-D0-1277-C13B1 1/2"-AP-1324-C13B1
3.	TA-0073	3/4"-D0-1276-C13B1 1/2"-AP-1323-C13B1
4.	TA-0074	3/4"-D0-1275-C13B1 1/2"-AP-1322-C13B1
5.	TA-0075	3/4"-D0-1278-C13B1 1/2"-AP-1325-C13B1
6.	TA-0076	3/4"-D0-1279-C13B1 1/2"-AP-1326-C13B1
7.	TA-0077	3/4"-D0-1471-C13B1 1/2"-AP-1488-C13B1
8.	TA-0078	3/4"-D0-1498-C13B1 1/2"-AP-1304-C13B1
9.	TA-0079	3/4"-D0-1472-C13B1 1/2"-AP-1489-C13B1
10.	TA-0080	3/4"-D0-1499-C13B1 1/2"-AP-1305-C13B1
11.	TA-0081	3/4"-D0-1250-C13B1 1/2"-AP-1306-C13B1
12.	TA-0082	3/4"-D0-1283-C13B1 1/2"-AP-1328-C13B1
13.	TA-0083	3/4"-D0-1481-C13B1 1/2"-AP-1498-C13B1
14.	TA-0084	3/4"-D0-1486-C13B1 1/2"-AP-1301-C13B1
15.	TA-0085	3/4"-D0-1267-C13B1 1/2"-AP-1318-C13B1
16.	TA-0086	3/4"-D0-1485-C13B1 1/2"-AP-1300-C13B1
17.	TA-0087	3/4"-D0-1473-C13B1 1/2"-AP-1490-C13B1
18.	TA-0088	3/4"-D0-1252-C13B1 1/2"-AP-1310-C13B1
19.	TA-0089	3/4"-D0-1474-C13B1 1/2"-AP-1491-C13B1
20.	TA-0090	3/4"-D0-1451-C13B1 1/2"-AP-1466-C13B1
21.	TA-0091	3/4"-D0-1475-C13B1 1/2"-AP-1492-C13B1
22.	TA-0092	3/4"-D0-1452-C13B1 1/2"-AP-1467-C13B1
23.	TA-0093	3/4"-D0-1450-C13B1 1/2"-AP-1465-C13B1
24.	TA-0094	3/4"-D0-1265-C13B1 1/2"-AP-1316-C13B1
25.	TA-0095	3/4"-D0-1264-C13B1 1/2"-AP-1315-C13B1
26.	TA-0096	3/4"-D0-1463-C13B1 1/2"-AP-1480-C13B1
27.	TA-0097	3/4"-D0-1465-C13B1 1/2"-AP-1482-C13B1
28.	TA-0098	3/4"-D0-1466-C13B1 1/2"-AP-1483-C13B1
29.	TA-0099	3/4"-D0-1285-C13B1 1/2"-AP-1333-C13B1
30.	TA-0100	3/4"-D0-1464-C13B1 1/2"-AP-1481-C13B1
31.	TA-0101	3/4"-D0-1462-C13B1 1/2"-AP-1479-C13B1
32.	TA-0102	3/4"-D0-1261-C13B1 1/2"-AP-1312-C13B1
33.	TA-0103	3/4"-D0-1476-C13B1 1/2"-AP-1493-C13B1
34.	TA-0104	3/4"-D0-1459-C13B1 1/2"-AP-1476-C13B1
35.	TA-0105	3/4"-D0-1457-C13B1 1/2"-AP-1474-C13B1

REV.	DESCRIPTION	DRAWN	CHECKED	HOD	PEM	DATE
ZO	ISSUED FOR AS-BUILT	HSB/ABY	AKG	SRA	RAK	28.08.18
O1	ISSUED FOR CONSTRUCTION	HSB/ABY	AKG	SRA	RAK	08.08.16
O	ISSUED FOR CONSTRUCTION	HSB/ABY	AKG	SRA	RAK	20.07.16
C	ISSUED INCORPORATED CLIENT COMMENTS	JSI/ABY	AKG	SRA	RAK	27.10.15
OC	ISSUED INCORPORATED CLIENT COMMENTS	JSI/ABY	AKG	SRA	RAK	05.06.15
B	ISSUED INCORPORATED CLIENT COMMENTS	BAK/VSJA	AKG	SRA	RAK	20.02.15
A	ISSUED FOR APPROVAL	JSI/ABY	AKG	SRA	RAK	10.12.14

CONTRACTOR REVISION

KUWAIT OIL CO.
K. S. C.

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CONTRACTOR DETAILS:-
LARSEN & TOUBRO LIMITED
FARIDABAD

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

DOCUMENT TITLE:-
PIPING & INSTRUMENTATION DIAGRAM
PLANT AIR DISTRIBUTION

PROJECT NO.	DRAWING NO.
50489-530-020-PID-1225.001	REV. KOC DRG. NO.
SHEET NO. 1 OF 2	Z0
COMPANY DRG. NO.	SHEET NO.
EF1902	REV.
SHEET NO.	A2