

COMPONENT DESCRIPTION	REPRESENTATION
CC	<div>CC-XXXX</div>
CP	<div>CP-XXXX</div>
SCC	<div>SCC-XXXX</div>
HYP	<div>HYP-XXXX</div>
BIP	<div>BIP-XXXX</div>
CI	<div>CI-XXXX</div>

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. REFER KOC STANDARD DOC. NO. (KOC-MP-035, APPENDIX-C) FOR ONLINE CORROSION MONITORING SYSTEM TAG NUMBERING.

TAG NUMBERING FOR ONLINE CORROSION MONITORING SYSTEM

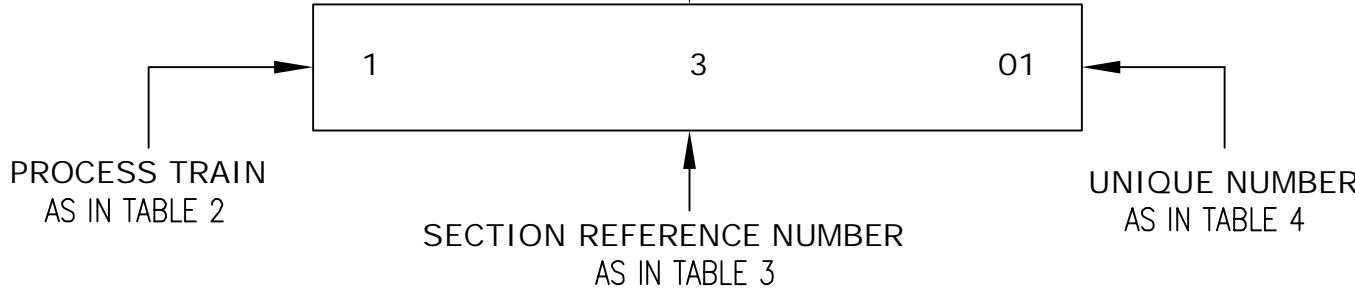
GC NUMBER

530

COMPONENT DESCRIPTION
AS IN TABLE 1

CC

4 DIGIT NUMBER



FLUID CODE
AS IN TABLE 5

CRW

TABLE 1
COMPONENT DESCRIPTION

CC = CORROSION COUPON
CP = CORROSION PROBE
SCC = SCALE COUPON
HYP = HYDROGEN PROBE
BIP = BIO-PROBE
SC = SAMPLE CONNECTION
CI = CHEMICAL INJECTION

TABLE 2
PROCESS TRAIN

0 = SINGLE TRAIN
(COMMON EQUIPMENT)
1 = TRAIN A OR 1st
2 = TRAIN B OR 2nd
etc.

TABLE 3
SECTION REFERENCE NUMBER

1 = PRODUCTION MANIFOLD
2 = SEPARATION & TEST FACILITIES
3 = CRUDE DEHYDRATION/DESALTERS
4 = DRY CRUDE STORAGE & EXPORT
5 = GAS COMPRESSION & DEHYDRATION
6 = CONDENSATE PROCESSING GAS COMPRESSION & DEHYDRATION
7 = OILY WATER TREATMENT
8 = FLARE SYSTEM
9 = UTILITIES
0 = GENERAL

TABLE 4
UNIQUE NUMBER

2 DIGITS STARING FROM 01 AND LOGICALLY PROGRESSING THROUGH THE PROCESS SYSTEM, TRAIN BY TRAIN WHEN A NEW REFERENCE NUMBER IS ALLOCATED, THE UNIQUE NUMBER BEGINS AGAIN AT 01.

TABLE 5
PROCESS FLUID CODES

CRD = DRY CRUDE
CRW = WET CRUDE
BRW = BRACKISH/WASH WATER
EFW = EFFLUENT WATERBRACKISH/WASH WATER
HGD = DRY GAS
HGW = WET GAS
PDW = DRAINS/OILY WATER
RCW = RECYCLE WATER
AQW = AQUIFER WATER
TRW = TREATED WATER

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

AS-BUILT
LARSEN & TOUBRO LIMITED
NAME : VAIBHAV VERMA
DESIGNATION : AGM
SIGNATURE :
DATE : 09-Aug-2018
DEPT/ DIVISON : ENGINEERING

Z0	ISSUED FOR AS-BUILT	BAK/AKG	AKG	SRA	RAK	09.08.18
0	ISSUED FOR CONSTRUCTION	PAK/VSA	AKG	SRA	RAK	28.03.16
B	ISSUED INCORPORATED CLIENT COMMENTS	BAK/VSA	AKG	SRA	RAK	31.12.15
A	ISSUED FOR APPROVAL	BAK/VSA	AKG	SRA	RAK	28.10.15
REV.	DESCRIPTION	DRAWN	CHECKED	HOD	PEM	DATE
				APPRD.		

CONTRACTOR REVISION



CONTRACTOR DETAILS:-
 LARSEN & TOUBRO LIMITED
FARIDABAD

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

DOCUMENT TITLE:-
PIPING & INSTRUMENTATION DIAGRAM
INDEX : TAG NUMBERING OF CMS

PROJECT NO.	DRAWING NO.		
EF1902	CONTRACTOR DRG. NO.	REV.	KOC DRG. NO.
	50489-530-020-PID-1108.003	Z0	
	SHEET NO. 3 OF 10		SHEET NO.
	COMPANY DRG. NO.	REV.	
	SHEET NO.		