

# GENERAL NOTES:

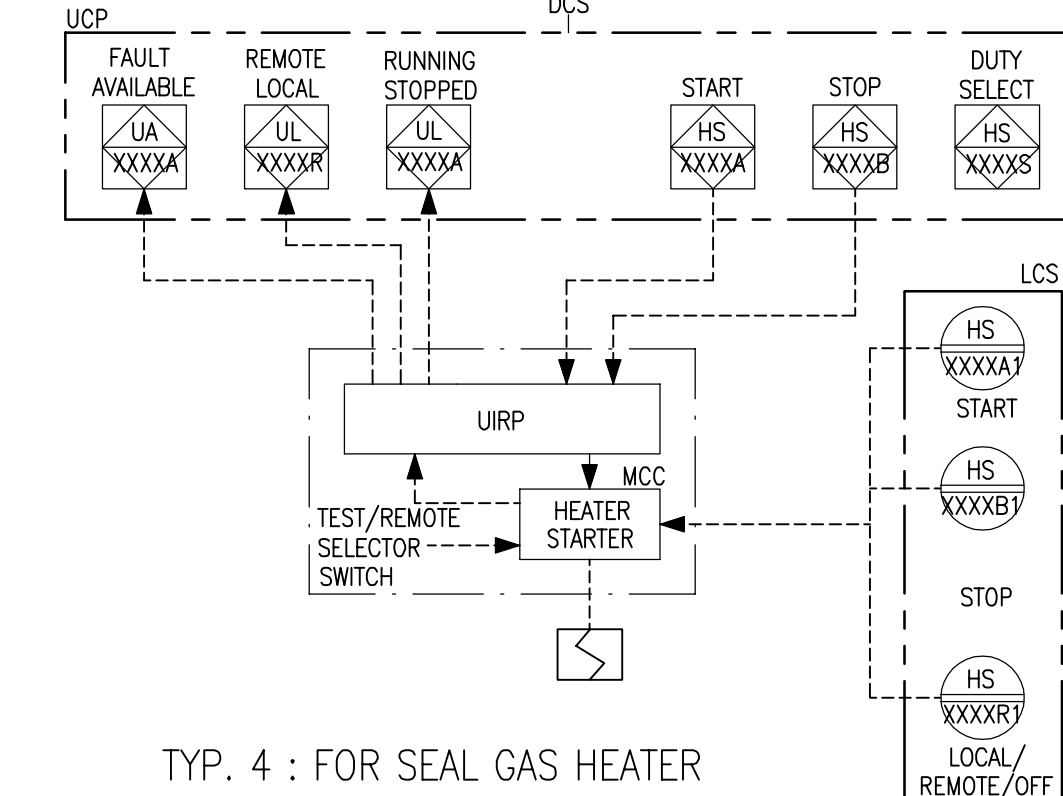
- FOR STANDARD SYMBOLS AND NOMENCLATURE SEE DRAWINGS 50489-530-020-PID-1104.001 & .002.
- ALL EQUIPMENT NUMBERS SHOWN ON THIS P&ID ARE PRECEDED BY 530-.
- ALL INSTRUMENT NUMBERS SHOWN ON THIS P&ID ARE PRECEDED BY 030-.
- FOR TYPICAL INSTRUMENT CONNECTION, SBDV, XV, MOV & ESDV DETAILS SEE DRAWINGS 50489-530-020-PID-1106.001, .002, .003, .004, .005, .006 & .007.
- FOR MISCELLANEOUS PIPING TYPICAL VALVING, DRAINAGE & GENERAL ARRANGEMENT OF LEVEL INSTRUMENTS, PUMPS, STRAINERS & CONTROLS SEE DRAWINGS 50489-530-020-PID-1108.001 TO 1108.010.
- DRAWING NUMBERS SHOWN IN P&ID CONTINUATION BOXES ARE ABBREVIATED SHOWING 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.

**LEGEND:**

SEAL GAS PANEL LIMIT  
PANEL CONTRACTOR

**TIE IN POINT LIST**

NO.	SERVICE	SIZE	RATING & FACING
TP-110	FUEL GAS SUPPLY	1"	ASME 300# RF
TP-111	INSTRUMENT AIR SUPPLY	1"	ASME 150# RF
TP-112	PRIMARY LEAK VENT	1"	ASME 150# RF
TP-113	SEAL GAS VENT	3/4"	ASME 150# RF
TP-114	SEAL GAS DRAIN	3/4"	ASME 300# RF
TP-115	SEAL VENT OUT DRAIN	3/4"	ASME 150# RF
TP-116	SECONDARY SEAL DRAIN (DE)	3/4"	ASME 150# RF
TP-117	SECONDARY SEAL DRAIN (NDE)	3/4"	ASME 150# RF
TP-118	SECONDARY LEAK VENT	3"	ASME 150# RF



TYP. 4 : FOR SEAL GAS HEATER

REV.	DESCRIPTION	DRAWN	CHECKED	HOD	PEM	DATE
04	ISSUED FOR AS-BUILT	BAK/CHS	AKG	SRA	DER	17.09.18
03	ISSUED FOR CONSTRUCTION	BAK/CHS	AKG	SRA	DER	01.05.18
02	ISSUED FOR CONSTRUCTION	BAK/CHS	AKG	SRA	DER	10.04.18
01	ISSUED FOR CONSTRUCTION	BAK/CHS	AKG	SRA	DER	20.12.16
1	RE-ISSUED FOR CONSTRUCTION	PAK/VSA	AKG	SRA	RAK	14.06.16
0	ISSUED FOR CONSTRUCTION	HSB/VSA	AKG	SRA	RAK	25.04.16
D	ISSUED INCORPORATED CLIENT COMMENTS	HSB/VSA	AKG	SRA	RAK	12.03.16
C	ISSUED INCORPORATED CLIENT COMMENTS	BAK/VSA	AKG	SRA	RAK	09.09.15
OC	ISSUED INCORPORATED CLIENT COMMENTS	BAK/VSA	AKG	SRA	RAK	30.05.15
B	ISSUED INCORPORATED CLIENT COMMENTS	BAK/VSA	AKG	SRA	RAK	13.02.15
A	ISSUED FOR APPROVAL	BAK/VSA	AKG	SRA	RAK	29.11.14

## CONTRACTOR REVISION

**KUWAIT OIL CO. K. S. C.** **شركة النفط الكويتي 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  
TANK VAPOUR COMPRESSOR (K-101) TRAIN A (SEAL SYSTEM)

PROJECT NO.	DRAWING NO.	REV.	KOC DRG. NO.	REV.
EF1902	50489-530-020-PID-1142.002	Z0	50489-530-020-PID-1142.002	Z0
	SHEET NO. 2 OF 15			
	COMPANY DRG. NO.			
	EF1902-530-DCO-PID-0142.002			
	SHEET NO.			

AS-BUILT	AS-BUILT
KOC APPROVAL	LARSEN & TOUBRO LIMITED
NAME / KOC No:	NAME : VAIBHAV VERMA
DESIGNATION :	DESIGNATION : AGM
GROUP / TEAM :	SIGNATURE :
SIGNATURE :	DATE : 17-Sep-2018
DATE :	DEPT/ DIVISION : ENGINEERING