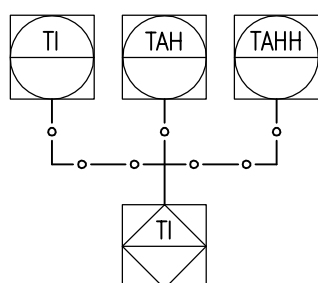


GENERAL NOTES:

- A. FOR STANDARD SYMBOLS AND NOMENCLATURE SEE DRAWINGS 50489-530-020-PID-1104.
- 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 SBOV, XV, MOV AND ESDV DETAILS SEE DRAWINGS 50489-530-020-PID-1106.001, .002, .003, .004, .006 & .007.
- E. FOR MISCELLANEOUS PIPING TYPICAL VALVING, DRAINAGE AND GENERAL ARRANGEMENT OF LEVEL INSTRUMENTS, PUMPS & CONTROL VALVES SEE DRAWING 50489-530-020-PID-1108.001 TO 1108.010.
- F. DRAWING NUMBERS SHOWN IN PAID 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 1018.001.
- 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 PROVIDED AS PER PIPING LAYOUT.

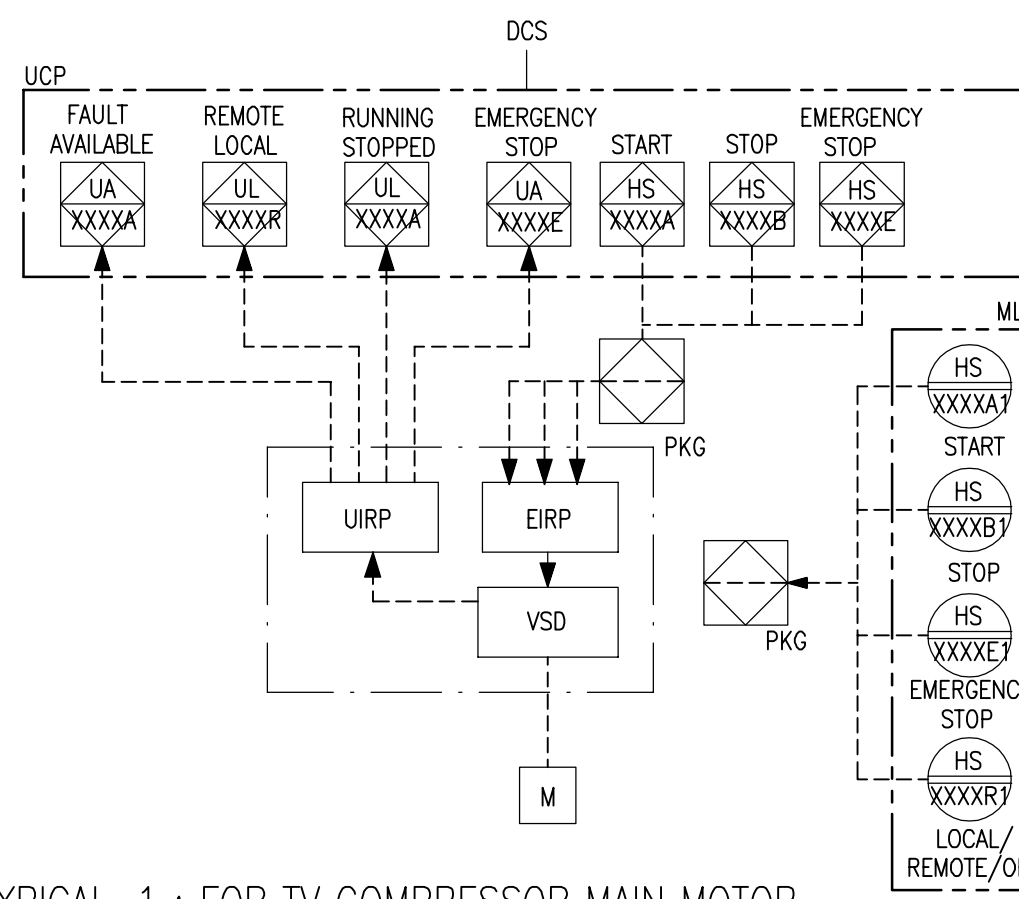
NOTES:

- 1. DETAIL CONNECTION BETWEEN VENDOR CONTROL LOGIC (B & N SYSTEM) & DCS AS FOLLOWS:



- 2. VENDOR REFERENCE P&ID:- 50489-530-020-07355-PID-V001, SHEET 1 OF 6 & 6 OF 6.

- 3. B & N SYSTEM : BENTLEY NEVADA SYSTEM  
CMS : CONDITIONING MONITORING SYSTEM  
IS : INTRINSICALLY SAFE  
PKG : PACKAGE PLC (PROGRAMMABLE LOGIC CONTROLLER)  
EIRP : ESD INTER POSING RELAY PANEL  
UIRP : UCP INTER POSING RELAY PANEL  
VMS : VIBRATION MONITORING SYSTEM  
VSD : VARIABLE SPEED DRIVE.
- 4. FOUR RTD (RESISTANCE TEMPERATURE DETECTOR) ARE CONNECTED PER PHASE (U, V, W).



TYPICAL. 1 : FOR TV COMPRESSOR MAIN MOTOR

REV.	DESCRIPTION	DRAWN	CHECKED	HOD	PEM	DATE
Z0	ISSUED FOR AS-BUILT	PAK/VSA	AKG	SRA	RAK	08.09.18
0	ISSUED FOR CONSTRUCTION	PAK/VSA	AKG	SRA	RAK	03.06.16
D	ISSUED INCORPORATED CLIENT COMMENTS	HSN/VSA	AKG	SRA	RAK	16.04.16
C	ISSUED INCORPORATED CLIENT COMMENTS	BAK/VSA	AKG	SRA	RAK	28.10.15
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 نفط الكويت  
ش.م.ك.

CONTRACTOR DETAILS:-			
LARSEN & TOUBRO LIMITED FARIDABAD			
PROJECT TITLE:- NEW GATHERING CENTRE GC-30 IN NORTH KUWAIT			
DOCUMENT TITLE:- PIPING & INSTRUMENTATION DIAGRAM TANK VAPOUR COMPRESSOR TRAIN C (VIBRATION/TEMPERATURE DIAGRAM)			
PROJECT NO.	DRAWING NO.		
50489-530-020-PID-1142.015	REV.	KOC DRG. NO.	REV.
SHEET NO. 15 OF 15	Z0	SHEET NO.	
COMPANY DRG. NO.	REV.		
EF1902-530-DCO-PID-0142.015	A1		
SHEET NO.			

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

AS-BUILT	
LARSEN & TOUBRO LIMITED	
NAME :	VAIBHAV VERMA
DESIGNATION :	AGM
SIGNATURE :	
DATE :	08-Sep-2018
DEPT/ DIVISION :	ENGINEERING