

- 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 PREFIXED BY 530-.
- D. FOR TYPICAL INSTRUMENT CONNECTION SBDV, 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
- DRAWING NUMBERS SHOWN IN P&ID CONTINUATION BOXES ARE ABBREVIATED SHOWING DRAWING SEQUENTIAL NUMBERS ONLY. THE FULL FORM OF THE DRAWING NUMBER IS
 - 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.
- K. FOR CAUSE & EFFECT REFER DOC. NO. 50489-530-020-PHL-1009.
- L. FOR ALARM VALUES REFER DOC. NO. 50489-530-020-SUM-1006.
- 2. CHECK VALVE IS MINIMUM DISTANCE FROM COMPRESSOR DISCHARGE NOZZLE.
- 3. SUPPORT LINE FOR 2-PHASE FLOW DOWNSTREAM OF E-210.
- 6. COMPRESSOR SUCTION/DISCHARGE ESDV'S & ANTI SURGE VALVE ARE OPENED BY STARTING
- SEQUENCE. ON COMPRÉSSOR TRIP, SUCTION & DISCHARGE ESDY'S ARE CLOSED.
- 12. IF COMPRESSOR DISCHARGE PRESSURE IN PIT-2331 IS LESS THAN 2.5 BARG FOR 30MINUTES EVEN WHEN THE COMPRESSOR IS OPERATING ABOVE 80% SPEED, THE UCP PLC WILL OPEN PCV-2325 (LOW MW CONTROL VALVE) IN 50% FOR 5 MINUTES TO PURGE LOW MW GAS TO FLARE WITH HIGH MW
- 13. THE COMPRESSORS SHOULD BE CAPABLE OF RUNNING WITH OR WITHOUT LOAD
- 14. THE ANTI-SURGE CONTROL TO BE DEVELOPED AND SUPPLIED BY VENDORS.
- ON SHUTDOWN, COMPRESSORS SHOULD AUTO—DEPRESSURISE BY OPENING SBDV—2323.
- 19. VENDOR TO DECIDE ON COMPREHENSIVE CONTROL PHILOSOPHY FOR FLOW CONTROL AND MINIMUM
- (b) PROPER ACCESS PIT OR PLATFORM ARE PROVIDED FOR RETRIEVAL OF COUPEN/PROBE.
- 22. MINIMUM STRAIGHT LENGTH REQUIRED FOR ORIFICE FLOW (FE-2324/2325) METER ARE

- 25. MINIMUM STRAIGHT LENGTH OF PIPING REQUIRED DOWNSTREAM OF DISCHARGE = 3 D FOR COMPRESSOR DISCHARGE.
- 27. MINIMUM STRAIGHT LENGTH REQUIRED FOR ORIFICE FLOW (FE-2323) METER SHALL BE
- 28. REFERENCE P&ID FOR DELUGE SYSTEM 50489-530-000-PID-1127.001 AND
- 29. DRAIN AND VENT VALVE WITH BLIND FLANGE PROVIDED FOR LOCATION OF DRAIN & VENT VALVE
- 30. POSITION TRANSMITTER FOR ANTI-SURGE CONTROL VALVE PERCENTAGE FEEDBACK TO UCP.
- 31. FOR ALL ASC, LSC & MPC CONNECTION AND ALARM DETAILS REFER 50489-530-080-07355-SPC-V00

			- 9	-	Jan Barrell	
Z1	ISSUED FOR AS-BUILT	BAK/SSI	AKG	SRA	DER	17.10.18
Z0	ISSUED FOR AS-BUILT	BAK/SSI	AKG	SRA	DER	25.09.18
3	ISSUED FOR CONSTRUCTION	BAK/SSI	AKG	SRA	DER	20.12.16
2	RE-ISSUED FOR CONSTRUCTION	HSH/VSA	AKG	SRA	RAK	25.07.16
1	RE-ISSUED FOR CONSTRUCTION	HSH/VSA	AKG	SRA	RAK	13.06.16
0	ISSUED FOR CONSTRUCTION	PAK/VSA	AKG	SRA	RAK	06.05.16
D	ISSUED INCORPORATED CLIENT COMMENTS	HSH/VSA	AKG	SRA	RAK	12.03.16
С	ISSUED INCORPORATED CLIENT COMMENTS	BAK/VSA	AKG	SRA	RAK	28.10.15
OC	ISSUED INCORPORATED CLIENT COMMENTS	JSI/VSA	AKG	SRA	RAK	30.05.15
В	ISSUED INCORPORATED CLIENT COMMENTS	JSI/VSA	AKG	SRA	RAK	17.02.15
Α	ISSUED FOR APPROVAL	BAK/VSA	AKG	SRA	RAK	05.12.14

CONTRACTOR REVISION

FARIDABAD

IN NORTH KUWAIT

PIPING & INSTRUMENTATION DIAGRAM TANK VAPOUR COMPRESSOR (K-201) TRAIN B

DRAWING NO. REV. KOC DRG. NO. SHEET NO.