

- 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-.
- C. ALL INSTRUMENT NUMBERS SHOWN ON THIS P&ID ARE PREFIXED BY 030-.
- 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 INSTRUMENTS, PUMPS STRAINERS & CONTROL VALVES SEE
- DRAWING 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
- G. FOR MATERIAL SELECTION DIAGRAM SEE DRAWINGS 50489-530-020-MSD-1001.001 TO 1018.001.
- . PAINTING & COATING SHALL BE IN ACCORDANCE WITH KOC-P-001.
- J. LOW POINT DRAIN & HIGH POINT VENT SHALL BE INDICATED IN P&ID AT AS—BUILT STAGE AS PER PIPING LAYOUT.

- SEQUENCE. ON COMPRÉSSOR TRIP, SUCTION & DISCHARGE ESDV'S ARE CLOSED.
- 12. IF COMPRESSOR DISCHARGE PRESSURE IN PIT-3331 IS LESS THAN 2.5 BARG FOR 30MINUTES EVEN
- WHEN THE COMPRESSOR IS OPERATING ABOVE 80% SPEED, THE UCP PLC WILL OPEN PCV-3325 (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.

- 19. VENDOR TO DECIDE ON COMPREHENSIVE CONTROL PHILOSOPHY FOR FLOW CONTROL AND MINIMUM
- DISCHARGE PRESSURE REQUIRED TO ROUTE THE COMPRESSED GAS TO THE EXPORT HEADER.
- (c) MATERIAL FOR CMS SHALL BE PROCURED FROM KOC APPROVED VENDOR LIST.
- (d) CMS SHALL BE LOCATED IN BOTTOM 6 O'CLOCK POSITION
- (e) TAG NUMBERING OF CMS SHALL BE AS PER APPENDIX—C OF KOC—MP—035.
- 23. REFERENCE P&ID: 50489 530 020 07355 PID V001, SHEET 2 OF 6.
- 25. MINIMUM STRAIGHT LENGTH OF PIPING REQUIRED DOWNSTREAM OF DISCHARGE = 3 D FOR COMPRESSOR DISCHARGE.
- 26. ONE ADDITIONAL INTERNAL CORROSION MONITORING POINT SHALL BE INSTALLED AT THE TOP AT 12 O'CLOCK.
- 27. MINIMUM STRAIGHT LENGTH REQUIRED FOR ORIFICE FLOW (FE-3323) 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. Sel Ale Rose They

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Z1	ISSUED FOR AS-BUILT	BAK/SSI	AKG	SRA	DER	09.12.18
ZO	ISSUED FOR AS-BUILT	BAK/SSI	AKG	SRA	DER	23.09.18
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
				ПОП	DEM	



LARSEN & TOUBRO LIMITED FARIDABAD

NEW GATHERING CENTRE GC-30 IN NORTH KUWAIT

PIPING & INSTRUMENTATION DIAGRAM TANK VAPOUR COMPRESSOR (K-301) TRAIN C

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