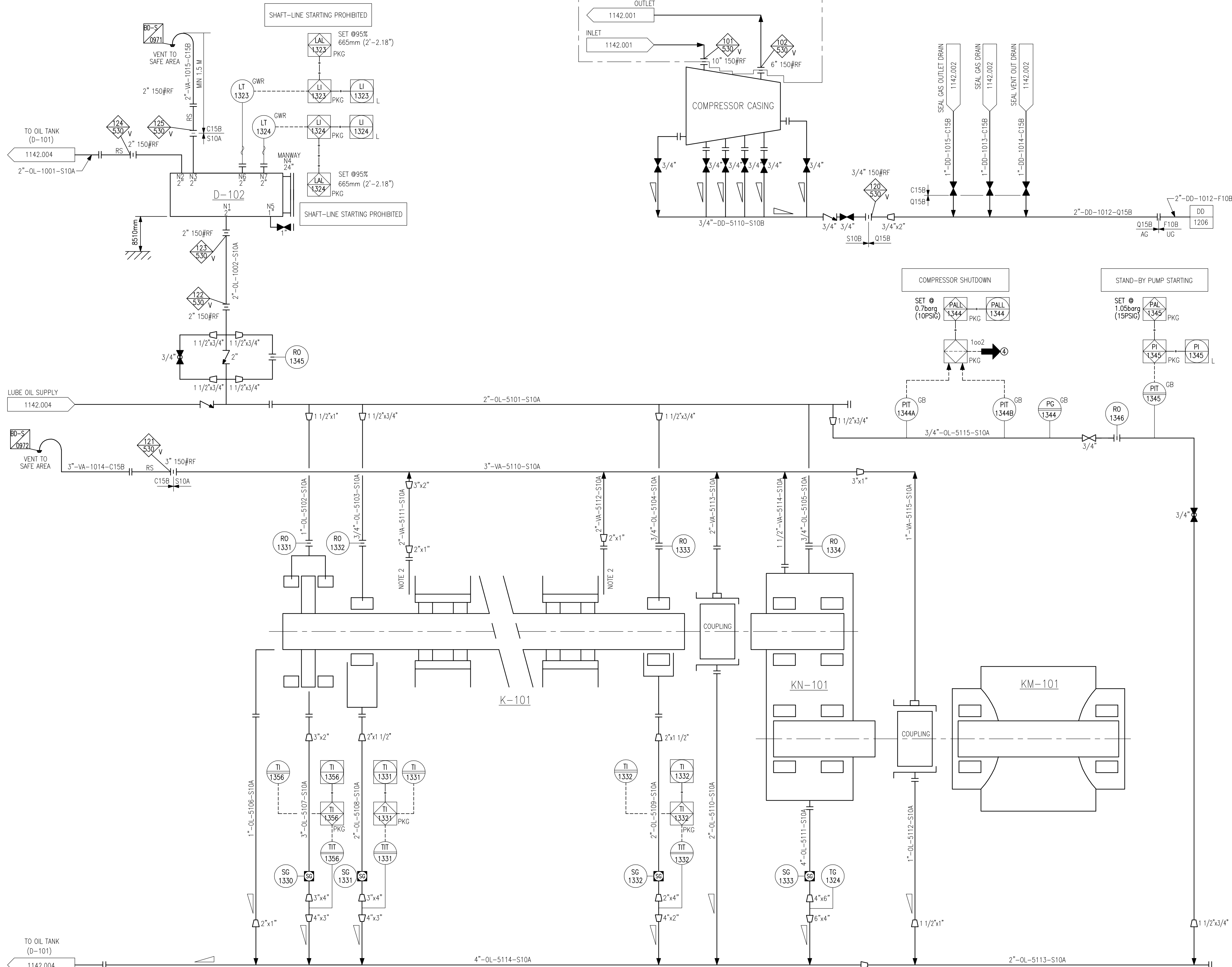


D-102
LUBE OIL RUNDOWN TANK
CAPACITY m3 (BBLs) : 0.5 (3.14)
DIMENSION
OD mm (ft-in) : 712 (2'-4")
LENGTH mm (ft-in) : 1320 (4'-4")
OP PRESS /DES PRESS barg (PSIG) : ATM/ATM+FULL OF LIQUID
OP TEMP/DESIGN TEMP °C (°F) : 54/100/-3 (129/212/27)
MOC : SS316

KN-101
TANK VAPOUR COMPRESSOR GEAR BOX
GEAR RATIO : 7.697
RATED POWER kw (HP) : 400 (536)

KM-101
TANK VAPOUR COMPRESSOR ELECTRIC MOTOR
RATING kw (HP) : 400 (536)
TYPE : INDUCTION



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 & CONTROL VALVES SEE DRAWINGS 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 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.

NOTES:

- REFERENCE P&ID:- 50489-530-020-07355-PID-V001, SHEET 4 OF 6.
- SEAL GAS VENT (AS PER REQUIREMENT OF API-617/614).

TIE IN POINT LIST

NO.	SERVICE	SIZE	RATING & FACING
TP-101	COMPRESSOR SUCTION	10"	ASME 150# RF
TP-102	COMPRESSOR DISCHARGE	6"	ASME 150# RF
TP-120	COMPRESSOR CASING DRAIN	3/4"	ASME 150# RF
TP-121	BEARING/COUPLING COVER VENT	3"	ASME 150# RF
TP-122	TO RUNDOWN TANK	2"	ASME 150# RF
TP-123	RUNDOWN TANK IN/OUT	2"	ASME 150# RF
TP-124	RUNDOWN OVERFLOW	2"	ASME 150# RF
TP-125	RUNDOWN TANK VENT	2"	ASME 150# RF

AS-BUILT

KOC APPROVAL

NAME / KOC No:

DESIGNATION :

GROUP / TEAM :

SIGNATURE :

DATE :

AS-BUILT

LARSEN & TOUBRO LIMITED

NAME : VAIBHAV VERMA

DESIGNATION : AGM

SIGNATURE :

DATE : 06-Aug-2018

DEPT/ DIVISION : ENGINEERING

ZO	ISSUED FOR AS-BUILT	BAK/SSI	AKG	SRA	DER	06.08.18
O1	ISSUED FOR CONSTRUCTION	BAK/SSI	AKG	SRA	DER	20.12.16
O	ISSUED FOR CONSTRUCTION	PAK/VSA	AKG	SRA	RAK	04.05.16
D	ISSUED INCORPORATED CLIENT COMMENTS	HSB/ABY	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
REV.	DESCRIPTION	DRAWN	CHECKED	HOD	PEM	DATE

CONTRACTOR REVISION

KUWAIT OIL CO. K. S. C.  **شركة نفط الكويت 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 (SHAFT LINE)

PROJECT NO.	DRAWING NO.
CONTRACTOR DRG. NO. 50489-530-020-PID-1142.003	REV. KOC DRG. NO. Z0
SHEET NO. 3 OF 15 COMPANY DRG. NO. EF1902-530-DCO-PID-0142.003	REV. A1
SHEET NO.	SHEET NO.