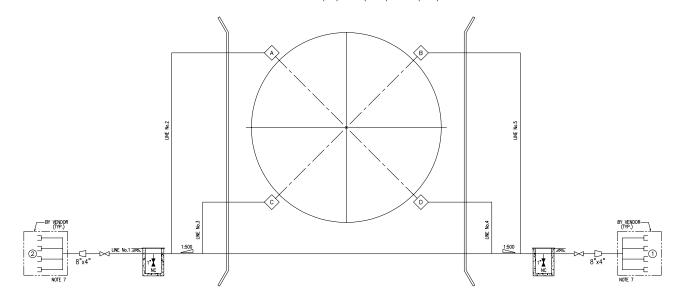
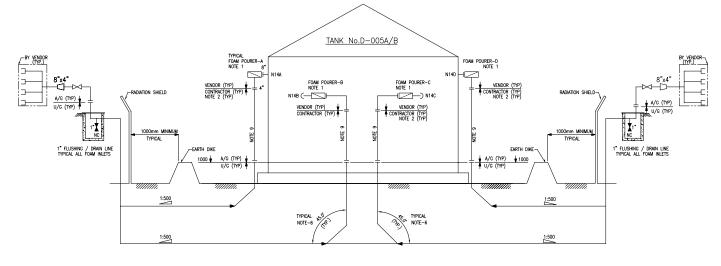
D-005 A/B

(EFFLUENT WATER BALANCE TANKS)

TYPE : FIXED CONE ROOF TANK
SIZE m (ft-in) : 46.5 (152'-7") ID x 11.4 (37'-5") H





TANK No.	I/D (M)	SURFACE AREA (M²)	SOLUTION @4.1 (LPM/M ²)	FOAM @3% (LPM)	TOTAL FOAM 55 MINUTES (LITRES)	TANK NOZZLE NOS.		POI	JRER	s us	ED	LINE No. 1	LINE No. 2	LINE No. 3	LINE No. 4	LINE No. 5
D-005A	46.5	1698	6963	209	11489	N14 A/B/C/D	А	В	С	D		8"-FF-9065-Q15A	4"-FF-9066-Q15A	4*-FF-9067-Q15A	4"-FF-9068-Q15A	4*-FF-9069-Q15A
D-005B	46.5	1698	6963	209	11489	N14 A/B/C/D	А	В	С	D		8"-FF-9073-Q15A	4"-FF-9074-Q15A	4"-FF-9075-Q15A	4*-FF-9076-Q15A	4*-FF-9077-Q15A

GENERAL NOTES:

- A. FOR STANDARD SYMBOLS AND NOMENCLATURE SEE DRAWINGS 50489-530-020-PID-1104.001.
- B. ALL EQUIPMENT NUMBERS SHOWN ON THIS PAID ARE PRECEDED BY 530—.
 C. FOR ESDV, SBDV AND MOV DETAILS SEE DRAWINGS 50489—530—020—PID—1106.001. D. FOR MISCELLANEOUS PIPING DETAILS SEE DRAWING 50489-530-020-PID-1108.001.
- E. DELETED. F. DELETED.

NOTES:

- 1. FOAM POURER IS LOCATED JUST BELOW TANK RIM BEAM AT TOP OF THE TANK SHELL AND IS FITTED WITH AN INTERNAL SPLIT DEFLECTOR PLATE. FOR MORE DETAILS OF FOAM POURER SEE APPENDIX 1.3 KOC-L-009, REV.4.
 2. VENDOR TO SUPPLY FOAM MAKER AND ENTRANCE ORRICE PLATE.
- 2½"x 4 WAY SUCTION HEADERS ON SKID ARE POSITIONED 90" TO THE PREVAILING WIND DIRECTION
- 4. NOTE DELETED
- 5. ACCESS PLATFORM FOR FOAM POURER ARE PROVIDED
- 45' FITTINGS TO FOAM POURER LINES AS PER SECTION 7.4.2.3 OF KOC-L-009, REV.4.
- 7. FOR DETAILS OF TYPICAL FOAM SYSTEM AND 4 WAY SUCTION COLLECTING HEAD SEE APPENDIX 1.3 OF KOC STANDARD KOC-L-009, REV.4.
- 8. NOTE DELETED.
- FOAM LINES AND CONNECTION TO TANKS ARE ALSO SHOWN ON P&ID 50489-530-020-PID-1151.001 FOR TANK D-005A AND P&ID 50489-530-020-PID-1151.002 FOR TANK D-005B.

REFERENCE DOCUMENT:

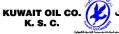
NFPA-11	STANDARD FOR LOW, MEDIUM AND HIGH EXPANSION FOAM	SYSTE
50489-530-041-GAD-1401-001	GA DRAWING FOR EFFLUENT WATER BALANCE TANK.	
50489-530-000-DAT-1501	DATASHEET FOR FIXED FIRE PROTECTION EQUIPMENT	

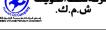
	AS-BUILT	
	KOC APPROVAL	
NAME / K	OC No:	
DESIGNA	TION:	
GROUP /	TEAM:	
SIGNATU	RE:	
DATE :		

AS-	BUILT
LARSEN & TO	OUBRO LIMITED
NAME : DESIGNATION : SIGNATURE : DATE : DEPT/ DIVISON :	AGM 30-SEP-2018 ENGINEERING

		For the	*	Dan.	S.	
Z1	RE-ISSUED FOR AS-BUILT	HSH/ASA	NIJ	SRA	RAK	30.09.18
Z0	ISSUED FOR AS-BUILT	HSH/ASA	NIJ	SRA	RAK	05.08.18
0	ISSUED FOR CONSTRUCTION	HSH/ASA	NIJ	SRA	RAK	02.02.16
В	ISSUED"INCORPORATED CLIENT COMMENTS"	HSH/ASA	NIJ	SRA	RAK	07.08.15
A	ISSUED FOR APPROVAL	HSH/ASA	NIJ	SRA		21.07.15
REV.	DESCRIPTION	DRAWN	CHECKED	HOD	PEM	DATE
MLT.	DESCRIPTION	Divini	OFFICINED	APP	RD.	DAIL

CONTRACTOR REVISION





CONTRACTOR DETAILS:LARSEN & TOUBRO LIMITED FARIDABAD

PROJECT TITLE:-

NEW GATHERING CENTRE GC-30 IN NORTH KUWAIT

PIPING & INSTRUMENTATION DIAGRAM FOAM SYSTEM FOR EFFLUENT WATER BALANCE TANKS (D-005A/B)

PROJECT NO.	DRAWING NO.								
	CONTRACTOR DRG. NO.	REV.	KOC DRG. NO.	RE					
	50489-530-000-PID-1133	Z1							
FF1000	SHEET NO. 1 OF 1		SHEET NO.	1					
EF 1902	SHEET NO. 1 OF 1 COMPANY DRG. NO.	REV.		Т					
	SHEET NO.	1							