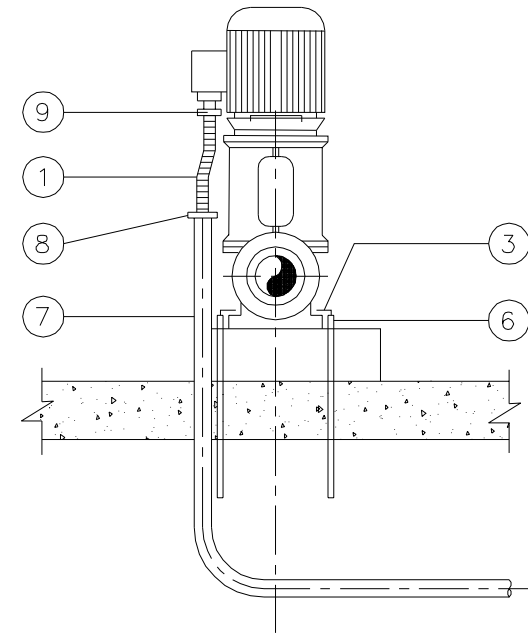
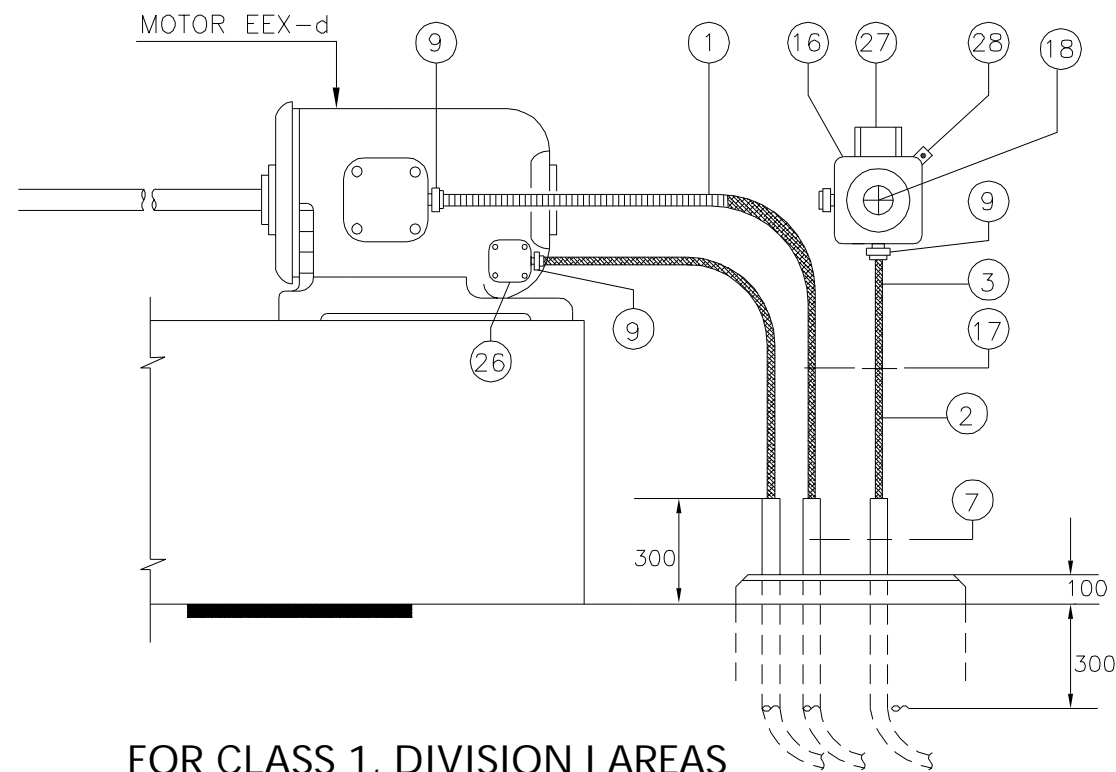


DETAIL - A



FOR CLASS 1, DIVISION II AREAS



FOR CLASS 1, DIVISION I AREAS

LEGEND

ITEM NO.	DESCRIPTION
1	POWER CABLE
2	CONTROL CABLE
3	GROUNDING CABLE SINGLE CORE STRANDED COPPER CONDUCTORS,PVC INSULATED SIZES GIVEN ON CHART BELOW
4	GROUNDING CABLE 16 Sq.mm SINGLE CORE STRANDED COPER CONDUCTOR PVC INSULATED
5	SAME AS 4 BUT 9 Sq.mm SIZE
6	PROTECTIVE G.I PIPE 25mm DIA
7	PROTECTIVE G.I PIPE FOR POWER CABLE SIZES GIVEN ON CHART BELOW
8	CABLE BUSHING & SEALING COMPOUND
9	CABLE GLAND (EEXd TYPE)
10	U-100x50x10 6Gg/m.
11	MALE FEMALE UNION
12	LBH FOR PULLING CABLES
13	FLEXIBLE COUPLING WITH MALE BRONZE TERMINALS
14	FEMALE-FEMALE SEALING FITTING
15	NIPPLE
16	JUNCTION BOX EEX-d TYPE
17	CABLE COMING FROM PLANT, CABLES d' INSTALLATION
18	ON/OFF CONTROL STATION (EEXd TYPE) SELECTOR SWITCH ENERGY PUSH BUTTON ON/OFF
19	M8x30 SCREW & NUT
20	M8 FLAT WASHER
21	8 LOCK WASHER
22	U BOLT CLAMP Ø6-119
23,24, 25	Ø6 NUT, M6 FLAT WASHER, 6-LOCK WASHER
26	ANTI CONDENSATE HEATER
27	GALVANIZED IRON "C" FOR ZINGUC
28	BOX SUPPORT PLATE

SIZE OF PROTECTIVE PIPES FOR POWER CABLES

SIZE OF POWER CABLE	PROTECTIVE PIPE DIA (G.I)
2.5-6 Sq.mm 3C,PVC/PVC/SWA/PVC	25 mm (1") NOMINAL
10-35 Sq.mm 3C,PVC/PVC/SWA/PVC	38 mm (1 1/2") NOMINAL
50-70 Sq.mm 3C,PVC/PVC/SWA/PVC	50 mm (2") NOMINAL
95-185 Sq.mm 3C,PVC/PVC/SWA/PVC	76 mm (3") NOMINAL
240-400 Sq.mm 3C,PVC/PVC/SWA/PVC	100 mm (4") NOMINAL

SIZE OF GROUNDING CABLES FOR MOTOR/AGITATOR

SIZE OF INCOMING POWER CABLE	SIZE OF GROUNDING CABLE
0-25 Sq.mm	16 mm (1") NOMINAL
35-70 Sq.mm	35 mm (1 1/2") NOMINAL
95-300 Sq.mm	95 mm (2") NOMINAL

NOTES:-

1. ALL DIMENSIONS ARE IN mm UNLESS OTHER WISE SPECIFIED.

ISSUED FOR TENDER

0	09-03-2018	ISSUED FOR TENDER	MAA	JAB	AIB	MAS
REV.	DATE	DESCRIPTION OF REVISION	DRAWN	DESIGNED	CHECKED	APPR.
ENAR PETROTECH SERVICES (PRIVATE) LIMITED 7-B, Sector 7-A Korangi Industrial Area, Karachi Pakistan TEL: (9221) 5062791 E-mail: info@enar.com.pk URL: www.enar.com.pk			Job No. 14-019'			
OIL & GAS DEVELOPMENT COMPANY LIMITED NASHPA COMPRESSION PROJECT (PHASE-II)			Dwg. No. 0193-ELA-6800 Sheet 13 OF 15			
TITLE: TYPICAL INSTALLATION DETAILS FOR MOTOR CONNECTION DETAILS			COMPUTER CODE	0193-ELA-6800		
			SHEET SIZE	A3		
			SCALE	NTS		
			REPLACES DWG. NO.	-		

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