



OGDCL PAKISTAN:
OIL & GAS DEVELOPMENT
COMPANY LIMITED

NASHPA COMPRESSION PROJECT PHASE-II

ISSUED FOR TENDER

0	9-Mar-2018	ISSUED FOR TENDER	WAS	SJA	NAS	MHQ	TH		
REV	DATE	DESCRIPTION	ORIG	CHKD	LE	QA	PM	LPE/TA	LA MFM MP
REVISIONS			APPROVAL					OWNER APPROVAL	



ENAR PETROTECH SERVICES (PVT.) LTD.

7-B, KORANGI INDUSTRIAL AREA,
KORANGI-KARACHI

TITLE :

**DOCUMENT TITLE:
DATA SHEET OF GAS DETECTOR(FIXED POINT TYPE)**

DOCUMENT NO:

0193 DS 6004 0

PROJECT NO.
14-0193

CODE	DOC. TYPE	SEQ. NO.	REV
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**ENAR PETROTECH
SERVICES (PVT.) LTD.**

**COMBUSTIBLE GAS DETECTOR
(POINT TYPE)**

DATASHEET NO.	0193-DS-6004
DATE	9/3/2018
REV.	0
REV DESCRIPTION	ISSUED FOR TENDER
PREPARED BY	SJA
CHECKED BY	NAS
APPROVED BY	MAS

OWNER: OIL AND GAS DEVELOPMENT COMPANY LIMITED (OGDCL)

PROJECT: NASHPA COMPRESSION PROJECT PHASE-II

1	Quantity	(Note - 6)
2	Tag Number	(Note - 6)
3	Service	Methane Gas Leakage Detection
4	TRANSMITTER	
5	Sensor Type	IR Point Type
6	Sensor Mounting	Directly on Transmitter
7	Wiring	3-Wire Transmitter
8	Supply Voltage	24 VDC
9	Output Type	Analog 4-20 mA
10	Display	LEDs for Status Indication (Running, Fault, Alarm etc)
11	Calibrated Range	0 - 100% LEL Methane gas
12	Alarm Setpoints	20% and 50% LEL Methane Gas
13	Manufacturer / Model Number	*VTA
14	HOUSING	
15	Body Material	Cast Aluminum
16	Cable Entry	Metric M20 x 1.5 (Note 1)
17	Hazardous Area Classification	EEx'd', Class-I, Div. 2, Group C&or Zone-2 Gas Gr II-B, T3
18	Weather Protection	IP66
19	Mounting	2" Pipe Support (Note 2)
20	ACCESSORIES	
21	Calibration Gas	Yes - 20% LEL and 50% LEL gas (Note 3)
22	Calibration Equipment / Quantity	Yes / 01 (Note 3)
23	Tag Plate	Yes - Stainless Steel (Note 4)
24	NOTES:	
		1) In case of multiple entries, all spare entries shall be supplied plugged with EEx'd' certified metal plugs.
		2) Vendor shall provide complete installation material (nuts, bolts, etc) for mounting on 2" pipe support.
		3) All calibration and testing equipment shall be detector manufacturer standard items.
		4) SS tag shall be fixed to the detector using SS wire. Tag plate shall include tag number, model number and sensor data.
		5) Vendor shall provide complete documentation for installation and maintenance as hard copies as well as on CD.
		6) See F&G List, Doc No. 0193-LT-6001 for Tag Numbers. Detectors for only compression area (field) has been considered, detectors for Compressor Package Skid shall be considered by EPCC Contractor/OEM during detail engineering stage after the finalization of Compressor's equipment dimensions & sizes.
		Quantities of Detectors shall be finalized by EPCC Contractor after Mapping Study during detail engineering stage.
		*VTA: Vendor To Advise
		N/A: Not Applicable.