



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	MAS		
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 FLAME DETECTOR (UV/IR)**

DOCUMENT NO:

**0193**

**DS**

**6002**

**0**

PROJECT NO.  
**14-0193**

CODE

DOC. TYPE

SEQ. NO.

REV



**ENAR PETROTECH  
SERVICES (PVT.) LTD.**

**FLAME DETECTOR**

DATASHEET NO.	0193-DS-6002
DATE	9/3/2018
REV.	0
REV. DESCRIPTION	ISSUED FOR TENDER
PREPARED BY	SJA
CHECKED BY	NAS
APPROVED BY	MAS

<b>OWNER:</b>	<b>OIL AND GAS DEVELOPMENT COMPANY LIMITED (OGDCL)</b>
<b>PROJECT:</b>	<b>NASHPA COMPRESSION PROJECT PHASE-II</b>

1	Quantity	(Note-7)
2	Tag Number	(Note-7)
3	Service	Flame Detection
4	<b>TRANSMITTER</b>	
5	Sensor Type	Infra Red / UV Emission Sensors
6	Sensor Range	Minimum 90° Cone of Vision
7	Supply Voltage	24 VDC
8	Output Type	DI
9	Display	LEDs for Status Indication (Running, Fault, Alarm etc)
10	Manufacturer	(Note-1)
11	Model Number	*VTA
12	<b>HOUSING</b>	
13	Body Material	316 SS
14	Cable Entry	Metric M20 x 1.5 (Note 2)
15	Hazardous Area Classification	EEx'd', Class-I, Div. 2, Group C&or Zone-2 Gas Gr II-B, T3
16	Weather Protection	IP66
17	<b>ACCESSORIES</b>	
18	Mounting	Swivel Mount Bracket (Note 3)
19	IR Signal Simulation Equipment / Quantity	Yes / 01 (Note 4)
20	Calibration Equipment / Quantity	Yes / 01 (Note 4)
21	Tag Plate	Yes - Stainless Steel (Note 5)
22	<b>NOTES:</b>	
	1) As per approved VENDOR LIST	
	2) In case of multiple entries, all spare entries shall be supplied plugged with EEx'd' certified metal plugs.	
	3) Vendor shall provide complete installation material (nuts, bolts, etc) for swivel mount bracket.	
	4) All calibration and testing equipment shall be detector manufacturer standard items.	
	5) SS tag shall be fixed to the detector using SS wire. Tag plate shall include tag number, model number and sensor data.	
	6) Vendor shall provide complete documentation for installation and maintenance as hard copies as well as soft copies.	
	7) 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.	