



GOVERNMENT OF INDIA
MINISTRY OF COMMERCE & INDUSTRY
PETROLEUM AND EXPLOSIVES SAFETY ORGANISATION (PESO)
 (Formerly Department of Explosives)
CGO COMPLEX SEMINARY HILLS
NAGPUR 440006
SPEED POST



Letter No: A/P/HQ/MH/104/3153(P325525)

Email :explosives@explosives.gov.in

Phone/Fax No.2510248/2510577

Dated : 7/10/2013

To
 M/s. Mine Safety Appliances Co.,
 Cranberry Township,
 PA 16066-5296
 USA

E 8 00 2013

Sub:Approval of equipments under Petroleum Rules, 2002

Dear Sir(s),

Please refer to letter No NIL dated 10/07/2013 from M/s. MSA India Limited, KOLKATA on the above subject.

The following Flame Proof/Intrinsically Safe equipment(s) manufactured by you according to EN 60079-0 : 2009 & EN 60079-1 : 2007 standards and covered under DEKRA/LCIE/FTZU Test reports mentioned below are approved for use in **Zone 1** of Gas Group IIC hazardous areas coming under the purview of the Petroleum Rules, 2002 administered by this Organization.

| Sr.No | Description | Safety Protection | CCEs Identification Number | Test House | Test Report No. | Drawing Numbers |
|-------|--|--|----------------------------|------------|--|--------------------|
| 1 | Infrared gas monitor type PrimaX IR | Ex d IIC T4 Gb | P325525/1 | DEKRA | BVS 10 ATEX E 157X Dt.22/07/2011 | As per Test Report |
| 2 | Gas Sensor Calibration cap Type PRIMA XIR Calibraton Cap | Ex ia IIC T4 Gb | P325525/2 | LCIE | LCIE 10 ATEX 3090X/01 Dt.28/06/2013 | As per Test Report |
| 3 | ALTAIR 4X Multigas Detector | Ex ia IIC T4 Ga / Ex d ia mb IIC T4 Gb | P325525/3 | FTZU | FTZU 07 ATEX 0169X { Supplement No. 11 } Dt.03/12/2012 | As per Test Report |

This Approval is granted subject to observance of the following conditions:-

- 1). The design and construction of the equipment shall be strictly in accordance with description, condition and drawings as mentioned in the DEKRA/LCIE/FTZU Test Reports referred to above
- 2). The equipment shall be used only with approved type of accessories and associated apparatus
- 3). The equipment shall be used only in conjunction with the approved Flame Proof/Intrinsically

Safe barriers

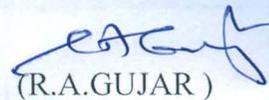
- 4). Each equipment shall be marked either by raised lettering cast integrally or by plate attached to the main structure to indicate conspicuously
 - (a) Name of the manufacturer
 - (b) Name and number by which the equipment is identified
 - (c) Number & Date of the test Report of the DEKRA/LCIE/FTZU applicable to the equipment
 - (d) CCEs Identification Number of this letter by which use of the apparatus is approved
- 5). A certificate to the effect that the equipment has been manufactured strictly in accordance with the drawing referred to in the DEKRA/LCIE/FTZU test report and is identical with the one tested and certified at DEKRA/LCIE/FTZU shall be furnished with each equipment
- 6). The customer shall be supplied the copy of this letter, an extract of the conditions and maintenance schedule, if any recommended by DEKRA/LCIE/FTZU in their test reports and copy of instructions booklet detailing operation and maintenance of the equipment so as to maintain its Flame Proof/Intrinsically Safe safety characteristics
- 7). The After sales service and maintenance of subject equipment shall be looked after by your representative M/s. MSA India Limited,,Ecostation, Level-16, Plot No. 7, BLock BP,,Salt Lake, Sector V,KOLKATA ,West Bengal (State)

This Approval also covers the permissible variation as approved under the DEKRA/LCIE/FTZU test report referred above .This approval may be deemed to have been revoked with immediate effect at any time, if any of the conditions subject to which approval has been granted is violated or not complied with. The approval may also be amended or withdrawn at any time, if considered necessary in the interest of safety.

The field performance report from actual users /your customers of the subject equipment may please be collected and furnished to this office for verification and record at regular intervals.

This approval is otherwise valid a period of five years from the date of issue.

Yours faithfully,


(R.A.GUJAR)

Deputy Chief Controller of Explosives
for Chief Controller of Explosives
Nagpur

Copy to :

- 1.The Jt. Chief Controller of Explosives, West Circle, Mumbai; East Circle, KolKata; South Circle, Chennai; North Circle, Faridabad; Central Circle, Agra.
- 2.M/s. MSA India Limited,,Ecostation, Level-16, Plot No. 7, BLock BP,,Salt Lake, Sector V,KOLKATA,Distt. KOLKATA(West Bengal)

for Chief Controller of Explosives