



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/104/3212(P327684)

Email :explosives@explosives.gov.in

Phone/Fax No.2510248/2510577

Dated : 27/11/2013

To  
M/s. Mine Safety Appliances Company  
1000 Cranberry Woods Drive,  
Cranberry Twp, PA.16066  
USA

**Sub:**Approval of equipments under Petroleum Rules, 2002

Dear Sir(s),

Please refer to letter No MSA/CCOE/ALT5X/DD dated 06/11/2013 from M/s. MS A (India) Limited,,Kolkata on the above subject.

The following Intrinsically Safe equipment(s) manufactured by you according to EN 60079-0 : 2009, EN 60079-1 : 2007, EN 60079-11 : 2007 & EN 60079-18 : 2009 standards and covered under FTZU Test reports mentioned below is 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	ALTAIR 5	Ex ia IIC T3, T4 Ga / Ex d ia mb IIC T3,T4 Gb	P327684/1	FTZU	FTZU 08 ATEX 0340X supplmt.no.13 Dt.30/05/2013	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 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 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 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 FTZU test report and is identical with the one tested and

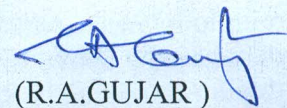
- certified at FTZU shall be furnished with each equipment
- 6). The customer shall be supplied the copy of this letter, an extract of the conditions and maintenance schedule, if any recommended by FTZU in their test reports and copy of instructions booklet detailing operation and maintenance of the equipment so as to maintain its Intrinsically Safe safety characteristics
  - 7). The After sales service and maintenance of subject equipment shall be looked after by your representative M/s. MS A (India) Limited,,Ecostation 16th Floor Plot No7 Block BP,Salt Lake, Sector-V,Kolkata,KOLKATA (Dist.) ,West Bengal (State)

This Approval also covers the permissible variation as approved under the 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, East Circle, KolKata.
- 2.M/s. MS A (India) Limited,,Ecostation 16th Floor Plot No7 Block BP,Salt Lake, Sector-V,Kolkata,Distt. KOLKATA(West Bengal)

for Chief Controller of Explosives