Government of India  
Ministry of Commerce & Industry  
Petroleum & Explosives Safety Organisation (PESO)  
5th Floor, A-Block, CGO Complex, Seminary Hills,  
Nagpur - 440006

E-mail: explosives@explosives.gov.in  
Phone/Fax No: 0712 -2510248, Fax- 2510577

Approval No : A/IP/HQ/WB/104/5577 (P448825)  
Dated : 16/07/2019

To,  
M/s. MSA Safety Pittsburgh Manufacturing LLC,  
1000 Cranberry woods drive, Cranberry township  
16066 craig.gestier@msasafety.com  
U.S.A

Sub : Approval of Flame Proof Type Electrical Equipments under Petroleum Rules 2002- Regarding.

Sir(s),

Please refer to your letter No. OIN304917 dated 23/05/2019 on the subject.

The following Ex electrical equipment(s) manufactured by you according to IEC 60079-0 : 2011, IEC 60079-1 : 2014-06, IEC 60079-11 : 2011, IEC 60079-26 : 2014, IEC 60079-29-1 : 2007, standards and covered under SIRA. Test reports mentioned below is/are approved for use in Zone 0 of Gas IIC hazardous areas coming under the the Petroleum Rules, 2002 administered by this Organization.

<table>
<thead>
<tr>
<th>Sr. No</th>
<th>Description</th>
<th>Safety Protection</th>
<th>Equipment reference Number</th>
<th>Test Agency</th>
<th>Certificate No.</th>
<th>Certificate Date</th>
<th>Drawing no</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>ALTAIR 4XR</td>
<td>Ex da ia IIC T4 Ga</td>
<td>P448825/1</td>
<td>SIRA</td>
<td>IECEx SIR 16.0096</td>
<td>26/04/2019</td>
<td></td>
</tr>
</tbody>
</table>

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 SIRA Test Reports referred to above.

2) The equipment shall be used only with approved type of accessories and associated apparatus.

3) Each equipment shall be marked either by raised lettering cast integrally or by plate attached permanently 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 SIRA applicable to the equipment.
   (d) Equipment reference number of this letter by which use of apparatus is approved.
   (e) Protection level.

4) A certificate to the effect that the equipment has been manufactured strictly in accordance with the drawing referred to in the SIRA Test report and is identical with the one tested and certified at SIRA shall be furnished with each equipment.

5) The customer shall be supplied with a copy of this letter, an extract of the conditions and maintenance schedule, if any, recommended by SIRA in their test reports and copy of instructions booklet detailing
operation & maintenance of the equipment so as to maintain its Flame Proof characteristic.
6) The After sales service and maintenance of subject equipment shall be looked after by your 
representative MSA India Ltd, MSA India LimitedEcostation, Level- 16 Block-BP, Plot No. 7, Sector-V, 
Salt Lake

This approval also covers the permissible variations as approved under the SIRA 
test reports referred above. This approval is liable to be cancelled if any of the conditions 
of the approval 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 
on annual basis.

The Approval is Valid upto 31/12/2023

Yours faithfully,

(K Srinivasa Rao) 
Controller of Explosives 
For Chief Controller of Explosives 
Nagpur

Copy to:
1. Jt. Chief Controller of Explosives, East Circle office, KOLKATA
2. MSA India Ltd, MSA India LimitedEcostation, Level- 16 Block-BP, Plot No. 7, Sector-V, Salt Lake, KOLKATA - 700091

(For more information regarding status, fees and other details please visit our website http://peso.gov.in)

Note:- Please submit the revalidation application one month before the date of Expiry of approval 
otherwise approval will be treated as cancelled and a fresh application for approval will be 
considered for the approval.