To,

M/s. ABB Inc.,
ABB Inc. 3400 Rue Pierre-Ardouin Quebec, QC , G1P 0B2 Canada, Quebec, Canada

Sub : Approval of Flame Proof, Intrinsically Safe Type under Petroleum Rules 2002- Regarding.

Sir(s),

Please refer to your letter No. OIN650510 dated 24/11/2020 on the subject.

The following Ex electrical equipment(s) manufactured by you according to IEC 60079-0 : 2017, IEC 60079-1 : 2014-06, IEC 60079-11 : 2010, IEC 60079-15 : 2010, IEC 60079-26 : 2014, IEC 60079-31 : 2013, standards and covered under FM Approval Test reports mentioned below is/are approved for use in Zone 0, Zone 1, Zone 2, of Gas IIC hazardous areas coming under 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>LWT Series Level Transmitters</td>
<td>Ex ia IIC T4...T6 Ga</td>
<td>P480821/1</td>
<td>FM Approval</td>
<td>IECEx FMG 19.0006X</td>
<td>02/04/2020</td>
<td>As per test report</td>
</tr>
</tbody>
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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 FM Approval 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 FM Approval 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 FM Approval Test report and is identical with the one tested and certified at FM Approval 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 FM Approval in their test reports and copy of instructions booklet detailing operation & maintenance of the equipment so as to maintain its Flame Proof characteristics.
6) The After sales service and maintanance of subject equipment shall be looked after by your representative ABB India Limited, ABB India Limited - IAMA Plot No 5 & 6 , 2nd Phase Peenya Industrial Area Bangalore - Karnataka - 560058

This approval also covers the permissible variations as approved under the FM Approval 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 31/12/2024

Yours faithfully,

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

Copy to :
1. Jt. Chief Controller of Explosives, South Circle Office, CHENNAI
2. ABB India Limited,ABB India Limited - IAMA Plot No 5 & 6 , 2nd Phase Peenya Industrial Area Bangalore - Karnataka - 560058

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