



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/P/HQ/DL/104/5824 (P529020)

Dated : 07/02/2022

To,

M/s. M/s THERMO ENGINEERING S.r.l.,
Via Giuseppina, 19 I - 26030 Malagnino (CR),

ITALY

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

Sir(s),

Please refer to your letter No. **OIN979728** dated **21/01/2022** 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 60079-31 : 2013**, standards and covered under **M/s INERIS** Test reports mentioned below is/are approved for use in **Zone 1** of Gas **IIC** hazardous areas coming under the the Petroleum Rules, 2002 administered by this Organization.

Sr. No	Description	Safety Protection	Equipment reference Number	Test Agency			Drawing no
				Name	Certificate No.	Certificate Date	
1	Thermometric probes type 111TE---/ or 112TE---/	Ex db ia	P529020/1	M/s INERIS	IECEX INE 12.0032X Issue 3	06/12/2017	

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 M/s INERIS 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 M/s INERIS 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 M/s INERIS Test report and is identical with the one tested and certified at M/s INERIS 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 M/s INERIS 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 maintenance of subject equipment shall be looked after by your representative M/s Conformity India International Private Limited, A33, Second Floor, Mayapuri Industrial Area Phase - I

Conditions of the Approval:-

The approval is subject to validity of quality assessment report DE/TUR/QAR19.0014/01

This approval also covers the permissible variations as approved under the M/s INERIS 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 **31/12/2026**

Yours faithfully,

(A.B. Tamgadge)
Controller of Explosives
For Chief Controller of Explosives
Nagpur

Copy to :

1. Jt. Chief Controller of Explosives, North Circle, FARIDABAD
2. M/s Conformity India International Private Limited,A33, Second Floor, Mayapuri Industrial Area Phase - I

for Chief Controller of Explosives
Nagpur

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

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