



**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](mailto:explosives@explosives.gov.in)  
Phone/Fax No : **0712 -2510248, Fax-2510577**

**Approval No : A/P/HQ/MH/104/7462 (P551444)**

**Dated : 01/12/2022**

To,

**M/s. Endress+Hauser SE+Co.KG,**  
**Hauptstrabe 1,Maulburg**  
**79689**  
**GERMANY**

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

Sir(s),

Please refer to your letter No. **OIN1200405** dated **14/11/2022** 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 : 2011, IEC 60079-26 : 2021**, standards and covered under **Eurofins Electric & Electronic Product Testing AG** 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	Microwave units Micropilot, Type FMR60B	Ex db IIC T6..T1 Ga/Gb	<b>P551444/1</b>	Eurofins Electric & Electronic Product Testing AG	IECEXSEV 22.0028X Issue No. 0	18/08/2022	961006144
2	Microwave units Micropilot, Type FMR63B	Ex db IIC T6..T1 Ga/Gb	<b>P551444/2</b>	Eurofins Electric & Electronic Product Testing AG	IECEX SEV 22.0028X Issue No. 0	18/08/2022	961006182
3	Microwave units Micropilot, Type FMR67B	Ex db IIC T6..T1 Ga/Gb	<b>P551444/3</b>	Eurofins Electric & Electronic Product Testing AG	IECEX SEV 22.0028X Issue No. 0	18/08/2022	961006191
4	Microwave units Micropilot, Type FMR62B	Ex ia IIC T6..T1 Ga/Gb	<b>P551444/4</b>	Eurofins Electric & Electronic Product Testing AG	IECEX SEV 22.0028X Issue No. 0	18/08/2022	961006178
5	Microwave units Micropilot, FMR67B	Ex ia IIC T6..T1 Ga/Gb	<b>P551444/5</b>	Eurofins Electric & Electronic Product Testing AG	IECEX SEV 22.0028X Issue No. 0	18/08/2022	961006191
6	Microwave units micropilot, Type FMR66B	Ex ia IIC T6..T1 Ga/Gb	<b>P551444/6</b>	Eurofins Electric & Electronic Product Testing AG	IECEX SEV 22.0028X Issue No. 0	18/08/2022	961006185
7	Microwave units Micropilot, Type FMR62B	Ex db IIC T6..T1 Ga/Gb	<b>P551444/7</b>	Eurofins Electric & Electronic Product Testing AG	IECEXSEV 22.0028X Issue No. 0	18/08/2022	961006178
8	Microwave units Micropilot, Type FMR60B	Ex ia IIC T6..T1 Ga/Gb	<b>P551444/8</b>	Eurofins Electric & Electronic Product Testing AG	IECEX SEV 22.0028X Issue No. 0	18/08/2022	961006144
9	Microwave units Micropilot, Type 66B	Ex db IIC T6..T1 Ga/Gb	<b>P551444/9</b>	Eurofins Electric & Electronic Product Testing AG	IECEXSEV 22.0028X Issue No. 0	18/08/2022	961006185
10	microwave units Micropilot, Type FMR63B	Ex ia IIC T6..T1 Ga/Gb	<b>P551444/10</b>	Eurofins Electric & Electronic Product Testing AG	IECEX SEV 22.0028X Issue No. 0	18/08/2022	961006182

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 Eurofins Electric & Electronic Product Testing AG 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 Eurofins Electric & Electronic Product Testing AG 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 Eurofins Electric & Electronic Product Testing AG Test report and is identical with the one tested and certified at Eurofins Electric & Electronic Product Testing AG 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 Eurofins Electric & Electronic Product Testing AG 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 Endress+Hauser India Pvt.Ltd., 7B, 7th Floor, Godrej One, Pirojshanagar Vikhroli E

**Conditions of the Approval:-**

The approval for above equipment is subject to validity of IECEX Quality Assessment Report No. DE/TUN/QAR06.0003.

This approval also covers the permissible variations as approved under the Eurofins Electric & Electronic Product Testing AG 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,

**(Ninad Dattaram Gawade)**  
**Dy. Controller of Explosives**  
**For Chief Controller of Explosives**  
**Nagpur**

Copy to :

1. Jt. Chief Controller of Explosives, West Circle, MUMBAI
2. Endress+Hauser India Pvt.Ltd.,7B,7th Floor,Godrej One,Pirojshanagar Vikhroli E

**for Chief Controller of Explosives**  
**Nagpur**

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

**This is System Generated document. Signature is not required.**