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/MH/104/8540 (P633868) Dated : **02/09/2025**

To,

M/s. ENDRESS+HAUSER (INDIA) AUTOMATION INSTRUMENTATION PRIVATE LIMITED,
PlotNo,M-192,
Waluj, MIDC, WALUJ,
Aurangabad,
Taluka: Aurangabad,
District: AURANGABAD,
State: Maharashtra,
PIN: 431136

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

Sir(s),

Please refer to your letter No. **OIN2056858** dated **14/08/2025** on the subject.

The following Ex electrical equipment(s) manufactured by you according to **IEC 60079-26 : 2021, IS/IEC 60079-0 2017, IS/IEC 60079-11 : 2023,** standards and covered under **Karandikar Laboratories** 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	INTRINSICALLY SAFE PRESSURE TRANSMITTER CERABAR TYPE PMC21	Ex ia IIC T4 Gb	**P633868/1**	Karandikar Laboratories	KLPL/Ex/20-021X Issue no.-01	04/04/2025	
2	INTRINSICALLY SAFE PRESSURE TRANSMITTER CERABAR TYPE PMC21	Ex ia IIC T4 Ga/Gb	**P633868/2**	Karandikar Laboratories	KLPL/Ex/20-021X Issue no.-01	04/04/2025	
3	INTRINSICALLY SAFE PRESSURE TRANSMITTER CERABAR TYPE PMP21	Ex ia IIC T4 Gb	**P633868/3**	Karandikar Laboratories	KLPL/Ex/20-021X Issue no.-01	04/04/2025	
4	INTRINSICALLY SAFE PRESSURE TRANSMITTER CERABAR TYPE PMP21	Ex ia IIC T4 Ga/Gb	**P633868/4**	Karandikar Laboratories	KLPL/Ex/20-021X Issue no.-01	04/04/2025	
5	INTRINSICALLY SAFE PRESSURE TRANSMITTER CERABAR TYPE PMP23	Ex ia IIC T4 Gb	**P633868/5**	Karandikar Laboratories	KLPL/Ex/20-021X Issue no.-01	04/04/2025	
6	INTRINSICALLY SAFE PRESSURE TRANSMITTER CERABAR TYPE PMP23	Ex ia IIC T4 Ga/Gb	**P633868/6**	Karandikar Laboratories	KLPL/Ex/20-021X Issue no.-01	04/04/2025	

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 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 Karandikar Laboratories 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 Test report and is identical with the one tested and certified at Testing agency shall be furnished with each equipment.
5) The customer shall be supplied with a copy of this letter, an extract of the conditions and maintenence schedule, if any, recommended by Karandikar Laboratories and copy of instructions booklet detailing operation & maintenance of the equipment so as to maintain its safe characterestics.

6) The IS/IEC 60079-17 and IS/IEC 60079-19 shall be followed for maintenance and repair of overhaul of the subject equipments.

Conditions of the Approval:-
1.The specific conditions of use as mentioned in M/s KLPL test report No. KLPL/Ex/20-021X Issue no. 1, dated 04/4/2025 shall be communicated to the end user and same to be followed strictly.
2.Approval shall be valid till any change in the product standard or change in the design of product and the manufacturer shall obtain subsequent approval for the Ex Electrical Apparatus in case of revision in product standard (other than base standard i.e. 60079-0: General Requirement) or change in the product design.
3. Drawing shall be as per test report .

This approval also covers the permissible variations as approved under the Karandikar Laboratories 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.

Yours faithfully,

(SAUMITRA RAYCHAUDHURI)

Controller of Explosives
For Chief Controller of Explosives
Nagpur

Copy to :
1. Jt. Chief Controller of Explosives, West Circle, MUMBAI

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.

Digitally signed by SAUMITRA RAYCHAUDHURI
Reason: Approval No. : A/P/HQ/MH/104/8540
Location:Nagpur [P633868]
Date:02-09-2025 18:42:06 PM