



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/HN/104/5740 (P555099)

Dated : 21/02/2023

To,

M/s. Sensonics Limited,
North Bridge Road, Berkhamsted Herts
HP 4 1EF
UK

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

Sir(s),

Please refer to your letter No. **OIN1293924** dated **02/02/2023** on the subject.

The following Ex electrical equipment(s) manufactured by you according to **IEC 60079-0 : 2017, IEC 60079-11 : 2011**, standards and covered under **Eurofins E&E CML Limited UK / SGS Baseefa Limited, UK** 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	PZ Series Vibration Transducers Model PZV	Ex ia IIC T4 Ga	P555099/1	SGS Baseefa Limited, UK	IECEX BAS 17.0109X Issue No. 2	18/10/2021	EA3785C Issue 3
2	PZ Series Vibration Transducers Model PZDC	Ex ia IIC T4 Ga	P555099/2	SGS Baseefa Limited, UK	IECEX BAS 17.0109X Issue No. 2	18/10/2021	EA3785C Issue 3
3	XPR Series Eddy Current Probes with DNX8031 Transmitter	Ex ia IIC T4 Ga & Ex ia IIC T4/T2 Ga	P555099/3	Eurofins E&E CML Limited UK	IECEX CML 17.0112X Issue No, 4	10/02/2021	EA3799C Issue 5
4	XPR Series Eddy Current Probes with DNX8033 Transmitter	Ex ia IIC T4 Ga & Ex ia IIC T4/T2 Ga	P555099/4	Eurofins E&E CML Limited UK	IECEX CML 17.0112X Issue No, 4	10/02/2021	EA3799C Issue 5
5	PZ Series Vibration Transducers Model PZS	Ex ia IIC T4 Ga	P555099/5	SGS Baseefa Limited, UK	IECEX BAS 17.0109X Issue No. 2	18/10/2021	EA3785C Issue 3
6	XPR Series Eddy Current Probes with XED Driver	Ex ia IIC T4 Ga & Ex ia IIC T4/T2 Ga	P555099/6	Eurofins E&E CML Limited UK	IECEX CML 17.0112X Issue No, 4	10/02/2021	EA3799C Issue 5

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 E&E CML Limited UK / SGS Baseefa Limited, UK 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 E&E CML Limited UK / SGS Baseefa Limited, UK 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 E&E CML Limited UK / SGS Baseefa Limited, UK Test report and is identical with the one tested and certified at Eurofins E&E CML Limited UK / SGS Baseefa Limited, UK 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 E&E CML Limited UK / SGS Baseefa Limited, UK 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 **SENSONICS TECHNOLOGIES INDIA PVT. LTD., Kundli, Sonipat, Haryana 131 028, India,**

This approval also covers the permissible variations as approved under the Eurofins E&E CML Limited UK / SGS Baseefa Limited, UK 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 **31/12/2027**

Yours faithfully,

(K. Thiagarajan)
Jt. Chief Controller of Explosives
For Chief Controller of Explosives
Nagpur

Copy to :

1. Jt. Chief Controller of Explosives, North Circle, FARIDABAD
2. SENSONICS TECHNOLOGIES INDIA PVT. LTD.,Kundli, Sonipat, Haryana 131 028, India,

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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