



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/104/8922 (P667851)

Dated : 01/07/2026

To,

M/s. Metrix Instrument Co.,
Metrix Instrument Co. 8824 Fallbrook, Houston, Texas 77064, USA, Houston
77064 Vivek.Joshi@Metrixvibration.com
U.S.A

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

Sir(s),

Please refer to your letter No. **OIN2312627** dated **15/06/2026** 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** 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	MX2033 Digital Proximity Systems	Ex ia IIC T4 Ga	P667851/1	Eurofins E&E CML Limited	IECEX CML 23.0188X , Issue No. 0	31/10/2025	As per test report

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 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 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 Test report and is identical with the one tested and certified at Eurofins E&E CML Limited 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 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 Pushkaraj Enterprises, PLOT NO.3, PUSHKARAJ HOUSE, KULASHREE COLONY NO.3 Karve Nagar, Pune, Pune, MH 411052

Conditions of the Approval:-

- 1.The specific conditions of use as mentioned in IECEX test report/ COC No.IECEX CML 23.0188X , Issue No. 0 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.

This approval also covers the permissible variations as approved under the Eurofins E&E CML Limited 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, IPES)
Controller of Explosives
For Chief Controller of Explosives
Nagpur

Copy to :

1. Jt. Chief Controller of Explosives, West Circle, MUMBAI
2. Pushkaraj Enterprises,PLOT NO.3, PUSHKARAJ HOUSE, KULASHREE COLONY NO.3 Karve Nagar, Pune, Pune, MH 411052

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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REV: C



The following pages are the prior revisions of this certificate.



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/104/6855 (P513790)

Dated : 25/08/2021

To,

M/s. Metrix Instrument Co L.P.,
8824 Fallbrook Drive Houston, Texas 77064, Houston
77064 vivek.joshi@metrixvibration.com
U.S.A

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

Sir(s),

Please refer to your letter No. OIN840970 dated 16/08/2021 on the subject.

The following Ex electrical equipment(s) manufactured by you according to IEC 60079-0 : 2011, IEC 60079-11 : 2011, standards and covered under SGS Baseefa Ltd Test reports mentioned below is/are approved for use in Zone 1 of Gas IIC hazardous areas coming under 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	MX2033 Digital Proximity Systems	Ex ia IIC T4 Ga	P513790/1	SGS Baseefa Ltd	IECEX BAS 12.0032X Issue No. 1	25/10/2019	1082595-AGENCY Rev E Sheet 1-3

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 SGS Baseefa Ltd 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 SGS Baseefa Ltd 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 SGS Baseefa Ltd Test report and is identical with the one tested and certified at SGS Baseefa Ltd 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 SGS Baseefa Ltd 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 Pushkaraj Enterprises, 1414 B Suvudha Chambers Pune Vidyarthi Griha Road Sadashiv Peth, Pune 411030

Conditions of the Approval:-

The approval for above equipment is subject to validity of IECEX Quality Assessment Report No. GB/BAS/QAR10.0017.

This approval also covers the permissible variations as approved under the SGS Baseefa Ltd 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 **31/12/2025**

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. Pushkaraj Enterprises, 1414 B Suvudha Chambers Pune Vidyarthi Griha Road Sadashiv Peth, Pune 411030

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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The following pages are the prior revisions of this certificate.



**GOVERNMENT OF INDIA
MINISTRY OF COMMERCE &
INDUSTRY
PETROLEUM AND EXPLOSIVES SAFETY ORGANISATION (PESO)
(Formerly Department of Explosives)
CGO COMPLEX SEMINARY HILLS
NAGPUR 440006**

Letter No: A/P/HQ/MH/104/4682
(P381825)

Email :explosives@explosives.gov.in

Phone/Fax No.2510248/2510577

Dated : 13/6/2016



28 JUN 2016

To
M/s. Metrix Instrument Co.
8824 Fallbrook,
Houston
Texas, 77064
U.S.A.

Sub:Approval of MX2033 & MX2034 Digital Proximity Systems

Dear Sir(s),

Please refer to letter No AS/METRIX/SA6200/CCOE/03 dated 16/04/2016 from PUSHKARAJ ENTERPRISES,PUNE on the above subject.

The following Intrinsically Safe equipment(s) manufactured by you according to EN 60079-0 : 2012 & EN 60079-11 : 2012 standards and covered under M/s. SGS Baseefa Limited Buxton Test reports mentioned below is/are approved for use in **Zone 1** of Gas Group IIC hazardous areas coming under the purview of the Petroleum Rules, 2002 administered by this Organization.

Sr.No	Description	Safety Protection	CCEs Identification Number	Test House	Test Report No.	Drawing Numbers
1	MX2033 & MX2034 Digital Proximity Systems	Ex ia IIC T4 Ga	P381825/1	M/s. SGS Baseefa Limited Buxton	Baseefa12ATEX0049X Dt.16/07/2015	AS PER TEST REPORT

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. SGS Baseefa Limited Buxton Test Reports referred to above
- 2). The equipment shall be used only with approved type of accessories and associated apparatus
- 3). The equipment shall be used only in conjunction with the approved Intrinsically Safe barriers
- 4). Each equipment shall be marked either by raised lettering cast integrally or by plate attached 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. SGS Baseefa Limited Buxton applicable to the

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REV: A**

equipment

(d) CCEs Identification Number of this letter by which use of the apparatus is approved

- 5). A certificate to the effect that the equipment has been manufactured strictly in accordance with the drawing referred to in the M/s. SGS Baseefa Limited Buxton test report and is identical with the one tested and certified at M/s. SGS Baseefa Limited Buxton shall be furnished with each equipment
- 6). The customer shall be supplied the copy of this letter, an extract of the conditions and maintenance schedule, if any recommended by M/s. SGS Baseefa Limited Buxton in their test reports and copy of instructions booklet detailing operation and maintenance of the equipment so as to maintain its Intrinsically Safe safety characteristics
- 7). The After sales service and maintenance of subject equipment shall be looked after by your representative PUSHKARAJ ENTERPRISES, SUVIDHA CHAMBERS 1414 1 B SADASHIV PETH, PUNE VIDHYARATHI GRIHA ROAD PUNE, PUNE, PUNE (Dist.) , Maharashtra (State)

This Approval also covers the permissible variation as approved under the M/s. SGS Baseefa Limited Buxton test report referred above. This approval may be deemed to have been revoked with immediate effect at any time, if any of the conditions subject to which approval has been granted 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 at regular intervals.

This approval is otherwise valid a period of five years from the date of issue.

Yours faithfully,



(Dr. Yogesh khare)

Deputy Chief Controller of Explosives
for Chief Controller of Explosives
Nagpur

Copy to :

1. The Jt. Chief Controller of Explosives, West Circle, Mumbai.
2. PUSHKARAJ ENTERPRISES, SUVIDHA CHAMBERS 1414 1 B SADASHIV PETH, PUNE VIDHYARATHI GRIHA ROAD PUNE, PUNE, Dist. PUNE (Maharashtra), 411030

for Chief Controller of Explosives