



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/104/8175 (P589967)

Dated : 21/05/2024

To,

M/s. Metrix Instrument Co LP,
8824 Fallbrook Houston TEXAS 77064 USA,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. **OIN1667644** dated **06/05/2024** 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	Vibration transmitter type ST5484E-****_****_**	Ex ia IIC T4 Ga	P589967/1	Eurofins E&E CML Limited	IECEX CML 23.0096X issue No. 0	06/09/2023	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, Pushkaraj House, Plot No 10, Kulashree Colony No.3

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. The Approval is Valid upto **31/12/2028**

Yours faithfully,

(Nishanta Mridul)
Dy. Controller of Explosives
For Chief Controller of Explosives
Nagpur

Copy to :

1. Jt. Chief Controller of Explosives, West Circle, MUMBAI
2. PUSHKARAJ ENTERPRISES,Pushkaraj House, Plot No 10, Kulashree Colony No.3

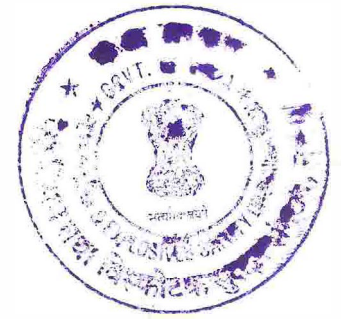
for Chief Controller of Explosives
Nagpur

(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/104/4090(P360766)
Email :explosives@explosives.gov.in
Phone/Fax No.2510248/2510577
Dated : 23/7/2015

To
M/s. Metrix Instrument Co., L.P.
8824 Fallbrook Drive, Houston,
TX 77064
USA

27 JUL 2015

Sub:Approval of equipments under Petroleum Rules, 2002

Dear Sir(s),

Please refer to letter No icl:coe:dis:1505 dated 15/05/2015 from M/s. Pushkaraj Enterprises,Pune on the above subject.

The following Intrinsically Safe equipment(s) manufactured by you according to EN 60079-0 : 2006 & EN 60079-11 : 2007 standards and covered under M/s. LCIE Test reports mentioned below is 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	Vibration transmitter with conduit elbow Type ST5484E-XXX-Y3Z-WW or ST5484E-XXX-Y5Z-WW or ST5484E-XXX-Y7Z-WW mounted with optional conduit elbow 8200-001	Ex ia IIC T4 Ga	P360766/1	M/s. LCIE	LCIE 02 ATEX 6244 X/04 Dt.29/11/2013	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. LCIE 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. LCIE applicable to the 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. LCIE test report and is identical with the one tested and certified at M/s. LCIE 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. LCIE 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 M/s. Pushkaraj Enterprises,,Suvidha Chambers, 1414, 1B Sadashiv Peth,,Pune vidyarathi Griha Road,,Pune Maharashtra (State)

This Approval also covers the permissible variation as approved under the M/s. LCIE 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)
Controller of Explosives
for Chief Controller of Explosives
Nagpur

Copy to :

- 1.The Jt. Chief Controller of Explosives, West Circle, Mumbai
- 2.M/s. Pushkaraj Enterprises,,Suvidha Chambers, 1414, 1B Sadashiv Peth,,Pune vidyarathi Griha Road,,Pune (Maharashtra)


for Chief Controller of Explosives