



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/TN/104/5838 (P460771)

Dated : 12/12/2019

To,

M/s. Eaton Electric Limited,
Great Marlings, Butterfield, Bedfordshire, Luton
LU2 8DL
UK

16 DEC 2019

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

Sir(s),

Please refer to your letter No. **MTLC/CCOE/D/111** dated **03/12/2019** on the subject.

The following Ex electrical equipment(s) manufactured by you according to **EN 60079-0 : 2012/A11 : 2013, EN 60079-11 : 2012**, 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 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	MTL4531 Single Channel & MTL4533 Two Channel Vibration Transducer Interface	[Ex ia Ga] IIC	P460771/1	SGS Baseefa Ltd.	Baseefa09ATEX0102 - Issue 6	02/05/2017	as per test report
2	MTL4541A/ MTL4541AS Single Channel & MTL4544A / MTL4544AS Two Channel Current Repeater	[Ex ia Ga] IIC	P460771/2	SGS Baseefa Ltd.	Baseefa08ATEX0321 - Issue 3	26/09/2016	as per test report
3	MTL4561 Two Channel Fire/ Smoke Detector Interface	[Ex ia Ga] IIC	P460771/3	SGS Baseefa Ltd.	Baseefa09ATEX0026 - Issue 4	26/09/2016	as per test report
4	MTL4541S, MTL4541T, MTL4544S & MTL4544D Repeater Power Supplies, 4/20mA	[Ex ia Ga] IIC	P460771/4	SGS Baseefa Ltd.	Baseefa09ATEX0155 - Issue 6	26/09/2016	as per test report
5	MTL4546/ MTL4546C/ MTL4546Y/ MTL4546S Single Channel isolating Driver, 4/20mA for Smart I/P Converters	[Ex ia Ga] IIC	P460771/5	SGS Baseefa Ltd.	Baseefa06ATEX0157 - Issue 9	26/09/2016	as per test report
6	MTL4549, MTL4549C & MTL4549Y 2 Channel Isolating Driver, 4/20mA for Smart I/P Converters	[Ex ia Ga] IIC	P460771/6	SGS Baseefa Ltd.	Baseefa06ATEX0158 - Issue 7	26/09/2016	as per test report
7	MTL4575 Temperature Converter	[Ex ia Ga] IIC	P460771/7	SGS Baseefa Ltd.	Baseefa06ATEX0200 - Issue 6	26/09/2016	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 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 MTL Instruments Pvt. Ltd., #3, Old Mahabalipuram Road, Sholinganallur, Chennai - 600119

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 **31/12/2023**

Yours faithfully,

(K Srinivasa Rao)
Controller of Explosives
For Chief Controller of Explosives
Nagpur

Copy to :

1. Jt. Chief Controller of Explosives, South Circle Office, CHENNAI
2. MTL Instruments Pvt. Ltd., #3, Old Mahabalipuram Road, Sholinganallur, Chennai - 600119

for Chief Controller of Explosives
Nagpur

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

Note:- Please submit the revalidation application one month before the date of Expiry of approval otherwise approval will be treated as cancelled and a fresh application for approval will be considered for the approval.