

स्पीड पोस्ट  
SPEED POST



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/DL/104/5628 (P431973)

Dated : 11/12/2018

To,

M/s. Eaton MEDC Limited,  
Unit B, Sutton Parkway, Oddiccroft Lane, Sutton-in-Ashfield, NG17 5FB, United Kingdom, Sutton-in-Ashfield  
NG17 5FB  
UK

24 DEC 2018

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

Sir(s).

Please refer to your letter No. OIN228423 dated 06/11/2018 on the subject.

The following Ex electrical equipment(s) manufactured by you according to EN 60079-0 : 2009, EN 60079-0 : 2012/A11 : 2013, EN 60079-1 : 2007, EN 60079-1 : 2014, EN 60079-11 : 2012, EN 60079-18 : 2009, EN 60079-26 : 2015, EN 60079-7 : 2007, EN 60079-7 : 2015, standards and covered under SGS Baseefa Limited Test reports mentioned below is/are approved for use in Zone 1, Zone 2 of Gas IIA/IIB/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	Manual Call Point Type PBI / BGI	Ex ia IIC T4 Ga	P431973/1	SGS Baseefa Limited	Baseefa03ATEX0084 - Issue 6	14/09/2016	As Per Test Report
2	Type XB12 Xenon Beacon	Ex d IIB T* or Ex d IIB T4, T5, T6	P431973/2	SGS Baseefa Limited	BAS99ATEX2196/12	30/11/2017	As Per Test Report
3	SM87 Alarm Station	Ex d IIC T*	P431973/3	Baseefa	Baseefa03ATEX0075/19	23/06/2015	As Per Test Report
4	Type XB11 Xenon Beacon	Ex d IIB T* or Ex d IIB T4, T5, T6	P431973/4	SGS Baseefa Limited	BAS99ATEX2195/9	04/04/2016	As Per Test Report
5	Type HD1 Heat Detector Unit	EEx d IIB T6	P431973/5	SGS Baseefa Limited	Baseefa03ATEX0447/10	09/07/2015	As Per Test Report
6	Type XB4 Xenon Beacon	Ex d IIC T*	P431973/6	SGS Baseefa Limited	Baseefa02ATEX0224X/9	23/01/2014	As Per Test Report
7	Sounder Type DB7	Ex ia IIB T4, Ex ia IIC T4	P431973/7	Electrical Equipment Certification Service	BAS00ATEX1260	31/10/2013	As Per Test Report
8	A Type XB10E Xenon Beacon	Ex de IIB T4	P431973/8	SGS Baseefa Limited	BAS00ATEX2226X/4	24/03/2014	As Per Test Report
9	Type DB10 Loudspeaker	Ex de IIB + H2 T4	P431973/9	SGS Baseefa Limited	Baseefa11ATEX0101X/3	19/04/2016	As Per Test Report
10	SM87 Beacons	Ex d IIC T*	P431973/10	Baseefa	Baseefa03ATEX0222/7	19/06/2015	As Per Test Report
11	Type BGE Break Glass Unit	EEx d emb IIC T4 Gb	P431973/11	SGS Baseefa Limited	BAS02ATEX2105X/9	19/04/2016	As Per Test Report
12	Type DB1H Sounder	Ex db IIB T5 Gb	P431973/12	SGS Baseefa Limited	Baseefa02ATEX0209X/2	20/10/2017	As Per Test Report
13	PH1 Pull Handle Alarm Call Point	Ex d IIC T6	P431973/13	Intertek Testing & Certification Limited	ITS11ATEX17308X Issue 3	16/03/2017	As Per Test Report
14	Type XB15 Xenon Beacon	Ex d IIC T* Gb	P431973/14	Baseefa	Baseefa04ATEX0009X/13	17/10/2018	As Per Test Report
15	Type DB10 Loudspeaker	Ex de IIC T4, T5, T6	P431973/15	SGS Baseefa Limited	Baseefa11ATEX0102X/3	19/04/2016	As Per Test Report
16	Type DB1 Sounder	Ex db IIB T6 Gb	P431973/16	SGS Baseefa Limited	Baseefa02ATEX0207X/3	03/04/2018	As Per Test Report
17	Series SM87 General Purpose Alarm Station	Ex ia IIC T4 Ga	P431973/17	SGS Baseefa Limited	Baseefa02ATEX0152X Issue 3	04/02/2014	As Per Test Report
18	Type CU1 Combination Beacon/Sounder Unit	Ex de IIB T3	P431973/18	SGS Baseefa Limited	Baseefa04ATEX0273X/5	02/06/2014	As Per Test Report
19	Sounders Type DB5 and DB51	Ex ia IIC T4 Ga	P431973/19	SGS Baseefa Limited	BAS00ATEX1259X Issue 5	08/04/2014	As Per Test Report
20	Type JB10 and JB11 Junction Boxes	Ex e IIC T*	P431973/20	SGS Baseefa Limited	Baseefa12ATEX0039X/1	05/02/2016	As Per Test Report
21	Type DB20 Loudspeaker	Ex de IIB T3	P431973/21	SGS Baseefa Limited	Baseefa05ATEX0198X/3	31/07/2014	As Per Test Report
22	A Type DB20 Loudspeaker	Ex de IIC T4	P431973/22	SGS Baseefa Limited	Baseefa05ATEX0199X/4	31/07/2014	As Per Test Report
23	Heat Detector Type HD1 & HD1R	Ex ia IIC T6	P431973/23	Baseefa	Baseefa03ATEX0427 Issue 3	08/03/2013	As Per Test Report
24	Type XB8 Series Xenon Beacon	Ex ia IIC/IIB T4 Ga	P431973/24	SGS Baseefa Limited	BAS02ATEX1258X Issue 2	08/11/2013	As Per Test Report
25	A Type XB10 Xenon Beacon	Ex d IIB T4	P431973/25	SGS Baseefa Limited	BAS00ATEX2204X/4	24/03/2014	As Per Test Report
26	Type HD1 Heat Detector Unit	EEx em IIC T6	P431973/26	Baseefa	Baseefa03ATEX0428/2	31/05/2011	As Per Test Report
27	Type XB15 Xenon Beacon - LD15 Led Beacon	Ex db IIC T6/T5 Gb	P431973/27	SGS Baseefa Limited	Baseefa04ATEX0009X/13	17/10/2018	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 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 SGS Baseefa 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 SGS Baseefa Limited Test report and is identical with the one tested and certified at SGS Baseefa 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 SGS Baseefa 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 M/s. Eaton MEDC Limited, Unit A1 & B1, 3rd Floor, TDI Centre, Jasola, New Delhi - 110 025

**Conditions of the Approval:-**

Issued fresh approval in-supersession to earlier approval No. A/P/HQ/MH/104/3242(P329071) dated 29/01/2014 with condition that Type HD1 Heat Detector Unit & Type JB10 and JB11 Junction Boxes shall be used in Zone 2 area only.

This approval also covers the permissible variations as approved under the SGS Baseefa 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 31/12/2022



Yours faithfully,

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

for Chief Controller of Explosives  
Nagpur

Copy to :

1. Jt. Chief Controller of Explosives, North Circle, FARIDABAD
2. M/s. Eaton MEDC Limited, Unit A1 & B1, 3rd Floor, TDI Centre, Jasola, New Delhi - 110 025

(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.