



Government of India  
Ministry of Commerce & Industry  
Petroleum & Explosives Safety Organisation (PESO)  
5th Floor, A-Block, CGO Complex, Seminary Hills,  
Nagpur - 440006

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Approval No : A/P/HQ/DL/104/5779 (P493482)

Dated : 01/02/2021

To,

M/s. M/s European Safety Systems Ltd.,  
Units 18 and 20, Impress House, Mansell Road, London W3 7QH GB, London  
W3 7QH  
UK

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

Sir(s),

Please refer to your letter No. **OIN692278** dated **06/01/2021** on the subject.

The following Ex electrical equipment(s) manufactured by you according to **IEC 60079-0 : 2017, IEC 60079-1 : 2014-06**, standards and covered under **UL International DEMKO A/S** Test reports mentioned below is/are approved for use in **Zone 1, Zone 2** 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	Sounders and Sounder-Beacon combination, D1xS1 (sounder), D1xC1 (sounder beacon, 5J)	Ex db IIC T6...T4 Gb	<b>P493482/1</b>	UL International DEMKO A/S	IECEX ULD 19.0008X Issue 0	30/04/2019	

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 UL International DEMKO A/S 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 UL International DEMKO A/S 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 UL International DEMKO A/S Test report and is identical with the one tested and certified at UL International DEMKO A/S 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 UL International DEMKO A/S 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 Conformity India International Private Limited, A-33, Second Floor, Mayapuri Industrial Area Phase - I

This approval also covers the permissible variations as approved under the UL International DEMKO A/S 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,

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

Copy to :

1. Jt. Chief Controller of Explosives, North Circle, FARIDABAD
2. M/s Conformity India International Private Limited,A-33, Second Floor, Mayapuri Industrial Area Phase - I

**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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