



**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](mailto:explosives@explosives.gov.in)  
 Phone/Fax No : 0712 -2510248, Fax-2510577

Approval No : A/P/HQ/MH/104/6335 (P452946)

Dated : 23/11/2019

To,

**M/s. E2S European Safety Systems,**  
**Impress House, Mansell Road London W3 7QH United Kingdom, London**  
**sales@e2s.com**  
**UK**

**Sub :** Approval of Flame Proof Type Signalling Beacons. under Petroleum Rules 2002- Regarding.

Sir(s),

Please refer to your letter No. **OIN398599** dated **14/11/2019** on the subject.

The following Ex electrical equipment(s) manufactured by you according to **EN 60079-0 : 2012/A11 : 2013, EN 60079-1 : 2014**, standards and covered under **UL International Demko A/S** 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      | GNEx range of Signalling Beacons Type<br>GNExB1X05DC024,<br>GNExB1X05AC115,<br>GNExB2X15DC024,<br>GNExB2X15AC115,<br>GNExB2X21DC024,<br>GNExB2X21AC115 and<br>GNExB2LD2DC024 | Ex db IIC<br>T6..T4 Gb | <b>P452946/1</b>           | UL International<br>Demko A/S | DEMKO 15 ATEX<br>1448X Rev 2 | 30/06/2016       | SK0417     |

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 DETECTION INSTRUMENTS INDIA PVT LTD, Plot No.EL-36, Electronics Zone, TTC Industrial Area, MIDC - Mahape, Navi Mumbai, Maharashtra 400710

**Conditions of the Approval:-**

The approval for above equipments is subject to validity of production quality assessment notification SIRA 05 ATEX M342

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 **31/12/2023**

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. DETECTION INSTRUMENTS INDIA PVT LTD, Plot No.EL-36, Electronics Zone, TTC Industrial Area, MIDC - Mahape, Navi Mumbai, Maharashtra 400710

**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.**