



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/TG/104/5524 (P486327)

Dated : 08/01/2021

To,

M/s. Watlow Electric Manufacturing Company,
12001, Lackland Road, St. Louis, MO
63146 infoindia@watlow.com
U.S.A

Sub : Approval for Flange Immersion Heaters, Series F under Petroleum Rules, 2002-reg.

Sir(s),

Please refer to your letter No. **OIN650952** dated **26/11/2020** on the subject.

There would be no objection to your supplying subject manufactured item/equipment by you conforming to according to **Annexure-E of IS/IEC 60079-0 : 2011**, standards and covered under Certificate No. dated. The above shall be comprising of following approved type of electrical components as described below, the subject manufactured items is suitable for **Zone 1, Zone 2 only:-**

Sr.No	Description (Components Description)	Make	Safety Protection	Agency	Certificate No. & Date
1	Flange Immersion Heaters, Series F	Watlow	Ex db IIC T1...T6 Gb	CSA, Sira Certification Service	IECEX CSA 09.0010X, IECEX SIR 12.0056X, Sira 10ATEX1155X, Sira 12ATEX3082X Date 08/11/2012

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 CSA, Sira Certification Service 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 CSA, Sira Certification Service 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 CSA, Sira Certification Service Test report and is identical with the one tested and certified at CSA, Sira Certification Service 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 CSA, Sira Certification Service 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 Watlow Thermal Solutions Pvt Ltd., 401, Aarohan plaza, 4th Floor, No. 6-3-678/1, Panjagutta, Hyderabad-500082

This approval also covers the permissible variations as approved under the CSA, Sira Certification Service 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, South Circle Office, CHENNAI
2. Watlow Thermal Solutions Pvt Ltd.,401, Aarohan plaza, 4th Floor, No. 6-3-678/1, Panjagutta, Hyderabad-500082

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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