



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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Phone/Fax No : 0712 -2510248, Fax-2510577

Approval No : A/P/HQ/MH/104/5552 (P398647)

Dated : 20/03/2017

To,

M/s. Krohne Messtechnik GmbH,  
Ludwig-Krohne-Str.5,47058 Duisburg, Germany,Duisburg  
47058  
GERMANY

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

Sir(s),

Please refer to your letter No. **OIN101815** dated **03/03/2017** on the subject.

The following Ex electrical equipment(s) manufactured by you according to **EN 60079-0 : 2012/A11:2013, EN 60079-11 : 2012, EN 60079-15 : 2010**, standards and covered under **PTB** 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	Variable-area flow meter as per details mentioned below	II 2 G Ex ia IIC T6..T2 Gb or II 2 G Ex ia IIB T6	P398647/1	PTB	PTB 11 ATEX 2012X	09/02/2014	

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 PTB 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 PTB 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 PTB Test report and is identical with the one tested and certified at PTB 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 PTB 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 KROHNE Marshall PVT.LTD., A-34/35, MIDC H Block, Pimpri Pune 411018

Conditions of the Approval:-

The description of equipment is Variable area flow meter type H250../M40../-Ex and indicator unit type M40../-Ex..

This approval also covers the permissible variations as approved under the PTB 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 **31/12/2021**

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.KROHNE Marshall PVT.LTD.,A-34/35, MIDC H Block, Pimpri Pune 411018

for Chief Controller of Explosives

(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.