



स्पीड पोस्ट  
SPEED POST

GOVERNMENT OF INDIA  
MINISTRY OF COMMERCE & INDUSTRY  
PETROLEUM AND EXPLOSIVES SAFETY ORGANISATION (PESO)  
(Formerly Department of Explosives)  
CGO COMPLEX SEMINARY HILLS  
NAGPUR 440006

Letter No: A/P/HQ/MH/104/4851(P386127)  
Email :explosives@explosives.gov.in  
Phone/Fax No.2510248/2510577  
Dated : 24/8/2016

To  
M/s. Endress+Hauser Flowtec AG  
Kagenstrasse 7, 4153 Reinach BL 1  
Switzerland

29 AUG 2016

**Sub:**Approval of Vortex Flowmeters Proline Prowirl C 200, D 200, F 200, R 200 and O 200

Dear Sir(s),

Please refer to letter No NIL dated 23/06/2016 from M/s. Endress + Hauser (India) Pvt. Limited, MUMBAI on the above subject.

The following Flame Proof/Intrinsically Safe equipment(s) manufactured by you according to EN 60079-0 : 2012, EN 60079-1 : 2007, EN 60079-11 : 2012, EN 60079-26 : 2007 & EN 60079-31 : 2009 standards and covered under DEKRA Test reports mentioned below is/are approved for use in **Zone 1** of Gas Group IIC hazardous areas coming under the purview of the Petroleum Rules, 2002 administered by this Organization.

| Sr.No | Description  | Safety Protection            | CCEs Identification Number | Test House | Test Report No.                                      | Drawing Numbers    |
|-------|--|------------------------------|----------------------------|------------|--|--------------------|
| 1     | Vortex Flowmeters Proline Prowirl C 200, D 200, F 200, R 200 and O 200 | Ex d [ia] IIC T6....T1 Ga/Gb | P386127/1                  | DEKRA      | DEKRA 13ATEX0091<br>Issue Number: 2<br>Dt.27/03/2014 | 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 DEKRA Test Reports referred to above
- 2). The equipment shall be used only with approved type of accessories and associated apparatus
- 3). The equipment shall be used only in conjunction with the approved Flame Proof/Intrinsically Safe barriers
- 4). Each equipment shall be marked either by raised lettering cast integrally or by plate attached 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 DEKRA applicable to the equipment
  - (d) CCEs Identification Number of this letter by which use of the apparatus is approved
- 5). A certificate to the effect that the equipment has been manufactured strictly in accordance with the drawing referred to in the DEKRA test report and is identical with the one tested and

certified at DEKRA shall be furnished with each equipment

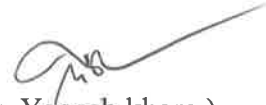
- 6). The customer shall be supplied the copy of this letter, an extract of the conditions and maintenance schedule, if any recommended by DEKRA in their test reports and copy of instructions booklet detailing operation and maintenance of the equipment so as to maintain its Flame Proof/Intrinsically Safe safety characteristics
- 7). The After sales service and maintenance of subject equipment shall be looked after by your representative M/s. Endress + Hauser (India) Pvt. Limited, Raj Plaza, Wing A & B,, 5th Floor L, MUMBAI, MUMBAI (Dist.) , Maharashtra (State)

This Approval also covers the permissible variation as approved under the DEKRA test report referred above .This approval may be deemed to have been revoked with immediate effect at any time, if any of the conditions subject to which approval has been granted 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 at regular intervals.

This approval is otherwise valid a period of five years from the date of issue.

Yours faithfully,



(Dr. Yogesh khare )  
Deputy Chief Controller of Explosives  
for Chief Controller of Explosives  
Nagpur

Copy to :

1. The Jt. Chief Controller of Explosives, West Circle, Mumbai.
2. M/s. Endress + Hauser (India) Pvt. Limited, Raj Plaza, Wing A & B,, 5th Floor L, MUMBAI, Distt. MUMBAI (Maharashtra), 400083

for Chief Controller of Explosives