



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/TN/104/6414 (P570710)

Dated : 22/09/2023

To,

M/s. WANDFLUH AG,  
HELKENSTRABE 13, 3714 FRUTIGEN, SWITZERLAND, FRUTIGEN  
sales@wandfluh.com  
SWITZERLAND

**Sub :** Approval for SOLENOID TYPE MKY45/18x60-\*/L\*\*\*\*#, MKY-K9 under Petroleum Rules, 2002-reg.

Sir(s),

Please refer to your letter No. OIN1456490 dated 21/09/2023 on the subject.

There would be no objection to your supplying subject manufactured item/equipment by you conforming to according to IEC 60079-0 : 2017, IEC 60079-1 : 2014-06, standards and covered under Certificate No. dted. The above shall be comprising of following approved type of electrical components as described below, the subject manufactured items is suitable for **Zone 1 only**:-

Sr.No	Description (Components Description)	Make	Safety Protection	Agency	Certificate No. & Date
1	SOLENOID TYPE MKY45/18x60-*/L****#, MKY-K9	WANDFLUH AG	Ex db IIC T6/T4 Gb	DEKRA Testing and Certification GmbH	IECEX BVS 11.0018X issue No.2 Date 20/05/2021

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 Testing and Certification GmbH 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 DEKRA Testing and Certification GmbH 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 DEKRA Testing and Certification GmbH Test report and is identical with the one tested and certified at DEKRA Testing and Certification GmbH 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 DEKRA Testing and Certification GmbH in their test reports and copy of instructions booklet detailing operation & maintenance of the equipment so as to maintain its Flame Proof characteristics.
- 7) The IEC 60079-0 : 2017, IEC 60079-1 : 2014-06, shall be filled for maintenance and repair of overhaul of the subject equipments shall be looked after by your representative M/s. YAPPAN ENGINEERING INDUSTRIES PVT LTD, SurveyNo,107A, 107A, SIDCO INDUSTRIAL ESTATE, AMBATTUR,Chennai, Taluka: Chennai, District: CHENNAI, State: Tamil Nadu, PIN: 600098

This approval also covers the permissible variations as approved under the DEKRA Testing and Certification GmbH 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 **31/12/2027**

Yours faithfully,

(K. Thiagarajan)  
Jt. Chief Controller of Explosives  
For Chief Controller of Explosives  
Nagpur

Copy to :

1. Jt. Chief Controller of Explosives, South Circle Office, CHENNAI
2. ,

For Chief Controller of Explosives  
Nagpur

(For more information regarding status,fees and other details please visit our website <http://peso.gov.in>)

**This is System generated document. Signature is not required.**