



Government of India
Ministry of Commerce & Industry
Petroleum & Explosives Safety Organisation
5th Floor, A-Block, CGO Complex, Seminar Hall
Nagpur - 440006



स्पीड पोस्ट
SPEED POST

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Phone/Fax No 0712 -2510248, Fax-2510577

Dated : 05/12/2017

15 DEC 2017

Approval No : A/P/HQ/MH/1045768 (P402542)

To,

M/s. Precision Instrument Co.,
Plot No. 124 A TO Z INDUSTRIAL ESTATE,
124, A To Z Industrial Estate, G. K. Marg, Lower Parel West, Mumbai - 400 013 (Maharashtra), LOWER PAREL,
Mumbai,
Taluka: Mumbai,
District: MUMBAI,
State: Maharashtra,
PIN: 400013

Sub : Approval of Flame Proof Type JB for solenoid coil enclosure under Petroleum Rules 2002- Regarding

Sir(s),

Please refer to your letter No. NIL dated 01/11/2017 on the subject.

The following Ex electrical equipment(s) manufactured by you according to IS/ IEC 60079-0 : 2004, IS/ IEC 60079-1 : 2007, IS/IEC 60079-0 : 2011, standards and covered under Karandikar Laboratories Pvt. Ltd. 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	Flameproof JB with Solenoid Coil Enclosure Type (FDL 300/ FDFS 200 / EPFS 200)	Ex d IIC T5 Gb	P402542/1	Karandikar Laboratories Pvt. Ltd.	KLPL/Ex/12-060X	28/12/2012	FLP/RH/0/60079-1_JB-FLP-RN2C-1_JB_NAME_PLATE-01

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 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 Karandikar Laboratories Pvt. Ltd. applicable to the equipment;
 - (d) Equipment reference number of this letter by which use of apparatus is approved;
 - (e) BIS approval number;
 - (f) Protection level.
- 4) A certificate to the effect that the equipment has been manufactured strictly in accordance with the drawing referred to in the Test report and is identical with the one tested and certified at Testing agency 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 Karandikar Laboratories Pvt. Ltd. and copy of instructions booklet detailing operation & maintenance of the equipment so as to maintain its safe characteristics.
- 6) The IS/IEC 60079-17 and IS/IEC 60079-19 shall be followed for maintenance and repair of overhaul of the subject equipments.

Conditions of the Approval -

This approval for above equipment is subject to validity of BIS Licence No. CM/L-2809565.

The equipment is also covered under test report No. KLPL/Ex/12-060X Supplement -1 dated 11/10/2017, which shall be valid only when attached to test report No. KLPL/Ex/12-060X dated 28/12/2012.

This approval also covers the permissible variations as approved under the Karandikar Laboratories Pvt. Ltd. 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

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.