



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/DD/104/5537 (P546903)

Dated : 07/06/2023

To,

M/s. HEM Industries,
SurveyNo,738/1,
Somnath, Nani Daman,, Daman,
Dabhel (CT),
Taluka: Dabhel (CT),
District: DAMAN,
State: Daman & Diu,
PIN: 396210

Sub : Approval for FLP/WP Three Phase Squirrel Cage Induction Motor under Petroleum Rules, 2002-reg.

Sir(s),

Please refer to your letter No. **OIN1350536** dated **08/05/2023** on the subject.

There would be no objection to your supplying subject manufactured item/equipment by you conforming to according to **IS/IEC 60079-0 2017, IS/IEC 60079-1 : 2014**, standards and covered under Certificate No. dtd. 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	112M FLP	HINDUSTAN	Ex d IIB T5	CIMFR	IN/CIMFR/TR20/4404 Date 03/01/2020
2	225M FLP	HINDUSTAN	Ex d IIB T5	CIMFR	IN/CIMFR/TR20/4405 Date 03/01/2020
3	71 FLP	HINDUSTAN	Ex d IIB T5	CIMFR	IN/CIMFR/TR20/4403 Date 03/01/2020
4	100L FLP	HINDUSTAN	Ex d IIB T5	CIMFR	IN/CIMFR/TR19/109 Date 07/01/2020
5	315S/M/L FLP	HINDUSTAN	Ex d IIB T5	CIMFR	IN/CIMFR/TR20/34 Date 08/01/2020
6	132M FLP	HINDUSTAN	Ex d IIB T5	CIMFR	IN/CIMFR/TR19/11 Date 07/01/2020
7	180L FLP	HINDUSTAN	Ex d IIB T5	CIMFR	IN/CIMFR/TR19/10 Date 07/01/2020
8	160L FLP	HINDUSTAN	Ex d IIB T5	CIMFR	IN/CIMFR/TR19/15 Date 07/01/2020
9	280M FLP	HINDUSTAN	Ex d IIB T4	CIMFR	IN/CIMFR/TR20/105 Date 07/01/2020
10	90L FLP	HINDUSTAN	Ex d IIB T4	CIMFR	IN/CIMFR/TR19/108 Date 07/01/2020
11	200L FLP	HINDUSTAN	Ex d IIB T6	CIMFR	IN/CIMFR/TR19/112 Date 07/01/2020
12	250M FLP	HINDUSTAN	Ex d IIB T5	CIMFR	IN/CIMFR/TR20/4406 Date 03/01/2020
13	63 FLP	HINDUSTAN	Ex d IIB T5	CIMFR	IN/CIMFR/TR20/110 Date 09/01/2020
14	80 FLP	HINDUSTAN	Ex d IIB T4	CIMFR	IN/CIMFR/TR20/106 Date 07/01/2020

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 CIMFR 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 CIMFR 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.

This approval also covers the permissible variations as approved under the CIMFR 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, Vadodara, VADODARA

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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