



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/GJ/104/6353 (P621976)

Dated : 27/06/2025

To,

M/s. SIGMA INDUSTRIES,
PlotNo,SPECIAL SHED No. 416/1,,
G.I.D.C. - 1, SHANKER TEKRI,, JAMNAGAR,
Jamnagar,
Taluka: Jamnagar,
District: JAMNAGAR,
State: Gujarat,
PIN: 361004

Sub : Approval of Flame Proof Type Electrical Equipments under Petroleum Rules 2002. under Petroleum Rules 2002- Regarding.

Sir(s),

Please refer to your letter No. **OIN2024392** dated **26/06/2025** on the subject.

The following Ex electrical equipment(s) manufactured by you according to **IS/IEC 60079-1 : 2014**, standards and covered under **CIMFR - DHANBAD** Test reports mentioned below is/are approved for use in **Zone 1,Zone 2** of Gas **IIB** 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	FLP/WP (IP-66) Double Compression type Cable Gland CGF 01SS A	Ex d IIB Gb	P621976/1	CIMFR - DHANBAD	IN/CIMFR/TR21/H319	11/01/2021	SICGF201213REV1
2	FLP/WP (IP-66) Double Compression type Cable Gland CGF 01SS B	Ex d IIB Gb	P621976/2	CIMFR - DHANBAD	IN/CIMFR/TR21/H319	11/01/2021	SICGF201213REV1
3	FLP/WP (IP-66) Double Compression type Cable Gland CGF 01SS	Ex d IIB Gb	P621976/3	CIMFR - DHANBAD	IN/CIMFR/TR21/H319	11/01/2021	SICGF201213REV1
4	FLP/WP (IP-66) Double Compression type Cable Gland CGF 01S	Ex d IIB Gb	P621976/4	CIMFR - DHANBAD	IN/CIMFR/TR21/H319	11/01/2021	SICGF201213REV1
5	FLP/WP (IP-66) Double Compression type Cable Gland CGF 01	Ex d IIB Gb	P621976/5	CIMFR - DHANBAD	IN/CIMFR/TR21/H319	11/01/2021	SICGF201213REV1
6	FLP/WP (IP-66) Double Compression type Cable Gland CGF 01 A	Ex d IIB Gb	P621976/6	CIMFR - DHANBAD	IN/CIMFR/TR21/H319	11/01/2021	SICGF201213REV1
7	FLP/WP (IP-66) Double Compression type Cable Gland CGF 02	Ex d IIB Gb	P621976/7	CIMFR - DHANBAD	IN/CIMFR/TR21/H319	11/01/2021	SICGF201213REV1
8	FLP/WP (IP-66) Double Compression type Cable Gland CGF 02 A	Ex d IIB Gb	P621976/8	CIMFR - DHANBAD	IN/CIMFR/TR21/H319	11/01/2021	SICGF201213REV1
9	FLP/WP (IP-66) Double Compression type Cable Gland CGF 03	Ex d IIB Gb	P621976/9	CIMFR - DHANBAD	IN/CIMFR/TR21/H319	11/01/2021	SICGF201213REV1
10	FLP/WP (IP-66) Double Compression type Cable Gland CGF 04	Ex d IIB Gb	P621976/10	CIMFR - DHANBAD	IN/CIMFR/TR21/H319	11/01/2021	SICGF201213REV1
11	FLP/WP (IP-66) Double Compression type Cable Gland CGF 04 A	Ex d IIB Gb	P621976/11	CIMFR - DHANBAD	IN/CIMFR/TR21/H319	11/01/2021	SICGF201213REV1
12	FLP/WP (IP-66) Double Compression type Cable Gland CGF 05	Ex d IIB Gb	P621976/12	CIMFR - DHANBAD	IN/CIMFR/TR21/H319	11/01/2021	SICGF201213REV1
13	FLP/WP (IP-66) Double Compression type Cable Gland CGF 05 A	Ex d IIB Gb	P621976/13	CIMFR - DHANBAD	IN/CIMFR/TR21/H319	11/01/2021	SICGF201213REV1
14	FLP/WP (IP-66) Double Compression type Cable Gland CGF 06	Ex d IIB Gb	P621976/14	CIMFR - DHANBAD	IN/CIMFR/TR21/H319	11/01/2021	SICGF201213REV1
15	FLP/WP (IP-66) Double Compression type Cable Gland CGF 06 A	Ex d IIB Gb	P621976/15	CIMFR - DHANBAD	IN/CIMFR/TR21/H319	11/01/2021	SICGF201213REV1
	FLP/WP (IP-66) Double			CIMFR			

16	Compression type Cable Gland CGF 07	Ex d IIB Gb	P621976/16	CIMFR - DHANBAD	IN/CIMFR/TR21/H319	11/01/2021	SICGF201213REV1
17	FLP/WP (IP-66) Double Compression type Cable Gland CGF 08	Ex d IIB Gb	P621976/17	CIMFR - DHANBAD	IN/CIMFR/TR21/H319	11/01/2021	SICGF201213REV1
18	FLP/WP (IP-66) Double Compression type Cable Gland CGF 09	Ex d IIB Gb	P621976/18	CIMFR - DHANBAD	IN/CIMFR/TR21/H319	11/01/2021	SICGF201213REV1
19	FLP/WP (IP-66) Double Compression type Cable Gland CGF 010	Ex d IIB Gb	P621976/19	CIMFR - DHANBAD	IN/CIMFR/TR21/H319	11/01/2021	SICGF201213REV1
20	FLP/WP (IP-66) Double Compression type Cable Gland CGF 010 A	Ex d IIB Gb	P621976/20	CIMFR - DHANBAD	IN/CIMFR/TR21/H319	11/01/2021	SICGF201213REV1
21	FLP/WP (IP-66) Double Compression type Cable Gland CGF 011 S	Ex d IIB Gb	P621976/21	CIMFR - DHANBAD	IN/CIMFR/TR21/H319	11/01/2021	SICGF201213REV1
22	FLP/WP (IP-66) Double Compression type Cable Gland CGF 011	Ex d IIB Gb	P621976/22	CIMFR - DHANBAD	IN/CIMFR/TR21/H319	11/01/2021	SICGF201213REV1
23	FLP/WP (IP-66) Double Compression type Cable Gland CGF 012	Ex d IIB Gb	P621976/23	CIMFR - DHANBAD	IN/CIMFR/TR21/H319	11/01/2021	SICGF201213REV1
24	FLP/WP (IP-66) Double Compression type Cable Gland CGF 013 A	Ex d IIB Gb	P621976/24	CIMFR - DHANBAD	IN/CIMFR/TR21/H319	11/01/2021	SICGF201213REV1
25	FLP/WP (IP-66) Double Compression type Cable Gland CGF 013	Ex d IIB Gb	P621976/25	CIMFR - DHANBAD	IN/CIMFR/TR21/H319	11/01/2021	SICGF201213REV1
26	FLP/WP (IP-66) Double Compression type Cable Gland CGF 014	Ex d IIB Gb	P621976/26	CIMFR - DHANBAD	IN/CIMFR/TR21/H319	11/01/2021	SICGF201213REV1
27	FLP/WP (IP-66) Double Compression type Cable Gland CGF 015	Ex d IIB Gb	P621976/27	CIMFR - DHANBAD	IN/CIMFR/TR21/H319	11/01/2021	SICGF201213REV1
28	FLP/WP (IP-66) Double Compression type Cable Gland CGF 016	Ex d IIB Gb	P621976/28	CIMFR - DHANBAD	IN/CIMFR/TR21/H319	11/01/2021	SICGF201213REV1

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 - DHANBAD 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 - DHANBAD 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 - DHANBAD 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 **31/12/2029**

Yours faithfully,

(Kanak Singh Meena)
Dy. 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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