



EU-TYPE EXAMINATION CERTIFICATE

Component intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU

Certificate Number: **CSANe ATEX1025U** Issue: **0**

Component: Stainless Steel Empty Enclosures, Model 4180000

Applicant: Bartakke Electrofab Pvt. Ltd.

Address: L-20 Additional MIDC Satara
Maharashtra 415004
India

This component and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

CSA Group Netherlands B.V. notified body number 2813 in accordance with Articles 17 and 21 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this component has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of a component intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in the confidential reports listed in Section 14.2.

Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the schedule to this certificate, has been assured by compliance with the following documents:

EN IEC 60079-0:2018 EN IEC 60079-7:2015+A1:2018 EN 60079-31:2014

The sign 'U' is placed after the certificate number to indicate that the product assessed is a component and may be subject to further assessment when incorporated into equipment. Any limitations of use are listed in the schedule to this certificate.

This EU-Type Examination Certificate relates only to the design and construction of the specified component. If applicable, further requirements of this Directive apply to the manufacture and supply of this component.

The marking of the component shall include the following:



II 2 G D
Ex eb IIC Gb
Ex tb IIIC Db

Signed:

M Halliwell

Title: Senior Director of Operations



Project Number 80215666

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SCHEDULE

EU-TYPE EXAMINATION CERTIFICATE

CSANe 25ATEX1025U
Issue 0

13 DESCRIPTION OF COMPONENT

The stainless-steel empty enclosures, model 4180000 are manufactured from SS316, consisting of a main body and screwed door secured by an assembly of a spacer bush, spring washer, welded nut and socket head allen bolts. The main body and door have a thickness of 2 mm. The enclosures are provided with a gland plate of 3 mm thickness at the bottom side of body.

The Enclosures may be manufactured between the range of 200 to 1000 mm (width), 120 to 400 mm (depth) and 200 to 1500 mm (height).

The enclosures have an internal arrangement for the mounting of internal components. Ingress protection is provided by a silicone foam rubber gasket which is fixed with an adhesive tape onto the door, and on the gland plate. The silicone foam rubber gasket ensures ingress protection rating IP 66.

The enclosure has mounting brackets welded to the back side of main body for wall mounting purpose. There is an earthing stud of size M8 X 25 L (SS 316) provided on the inside and outside of main body.

14 DESCRIPTIVE DOCUMENTS

14.1 Drawings

Refer to Certificate Annexe.

14.2 Associated Reports and Certificate History

Issue	Date	Report number	Comment
0	13 May 2025	R80215665A	The release of the prime certificate.

15 SCHEDULE OF LIMITATIONS

15.1 Service temperature range is -30°C to +80°C. The limits of this service temperature range shall not be exceeded.

15.2 The suitability of all components or terminals employed inside the enclosure shall be considered in the end use application, including aspects relating to creepage and clearance as defined in table 2 of IEC 60079-7:2017 Ed. 5.1.

15.3 The entry holes to be drilled on the gland plate shall be as per the instructions provided in manual BEPL/DES/F/36, Rev. 00. It shall be ensured that ingress protection IP 66 of the enclosure is maintained after drilling holes and suitably certified cable entry devices are installed.

16 ESSENTIAL HEALTH AND SAFETY REQUIREMENTS OF ANNEX II (EHSRs)

The relevant EHSRs that are not addressed by the standards listed in this certificate have been identified and individually assessed in the reports listed in Section 14.2.

17 CONDITIONS OF MANUFACTURE

17.1 The use of this certificate is subject to the Regulations Applicable to Holders of CSA Group Netherlands B.V. certificates.

17.2 Holders of EU-Type Examination Certificates are required to comply with the conformity to type requirements defined in Article 13 of Directive 2014/34/EU

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- 17.3 Enclosures may be manufactured between any sizes in the range of 200 to 1000 mm (width), 120 to 400 mm (depth) and 200 to 1500 mm (height). All sizes within this range shall comply with other dimensional requirements on the certification drawings.

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Certificate Annexe



Certificate Number: CSANe 25ATEX1025U

Component: Stainless Steel Empty Enclosures, Model 4180000

Applicant: Bartakke Electrofab Pvt. Ltd.

Issue 0

Drawing	Sheets	Rev.	Date (Stamp)	Title
74-8367.000-3	1 to 6	3	21 Mar 25	(GA) SS-ATEX IECEx BOX

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