



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: **IECEX TSA 15.0006** Page 1 of 4 [Certificate history:](#)
Status: **Current** Issue No: 1 [Issue 0 \(2015-05-01\)](#)
Date of Issue: 2023-09-22
Applicant: **CMI Electrical Products**
Unit F3, 3 - 29 Birnie Avenue
Lidcombe 2141
Australia
Equipment: **M.I.P., 11 kV, 800 A, Bolted Coupler and Adaptor, Type A**
Optional accessory:
Type of Protection: **Ex d**
Marking: Bolter Adaptor/Coupler
M.I.P. A%80#B@ 800A 11 kV IP66/68 Type "A"
Ex d I Mb IECEx TSA 15.0006
S.O xxxxx-xx
DO NOT SEPERATE WHEN ENERGIZED
% = Coupler (A) or Adaptor (B), # = Number of Pins (3 or 4),
@ = Indicator Lights (C or blank – if no lights)

End Cover
M.I.P. F-4479B 800A 11 kV IP66/68 Type "A"
Ex d I Mb IECEx TSA 15.0006
S.O xxxxx-xx
DO NOT SEPERATE WHEN ENERGIZED

Approved for issue on behalf of the IECEx
Certification Body:

Debbie Wouters

Position:

Acting Quality & Certification Manager

Signature:
(for printed version)

Date:
(for printed version)

22nd September 2023

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting www.iecex.com or use of this QR Code.



Certificate issued by:

TestSafe Australia
919 Londonderry Road
Londonderry NSW 2753
Australia





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Issue No: 1

Manufacturer: **CMI Electrical Products**
Unit F3, 3 - 29 Birnie Avenue
Lidcombe 2141
Australia

Manufacturing
locations:

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended

STANDARDS :

The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

[IEC 60079-0:2011](#) Explosive atmospheres - Part 0: General requirements
Edition:6.0

[IEC 60079-1:2007](#) Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:6

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Report:

[AU/TSA/ExTR15.0008/00](#)

Quality Assessment Report:

[AU/TSA/QAR11.0009/08](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The M.I.P., 11 kV, 800 A, Type 'A', Bolted Coupler and Adaptor are manufactured from high tensile brass. The coupler is fitted with an Ex component certified cable gland or cable gland adaptor (IECEx TSA 13.0009U). When bolted together, the mating faces of the coupler and adaptor form a flameproof flanged joint. All screws and nuts are of minimum property class 4.6 (minimum yield stress 340 MPa) for steel or minimum property class A*-70 (minimum yield stress 450 MPa) for stainless steel. An end cover, manufactured from high tensile brass, is fitted to the coupler or adaptor when not in use. Optional phase indicator light assemblies may be fitted to the coupler and adaptor. The equipment is intended for use with three phase AC power supply circuits. The complete assembly consists of a bolted coupler and adaptor, each having three power conducting (main) pins and one optional pilot circuit socket. Connection between the main pins and pilot sockets is facilitated by three insulated main contact sockets and one optional pilot contact pin. Mounting dimensions of the Ex d enclosure interfacing with the adaptor complies with Figure 4.8 of AS/NZS 1300:2009.

SPECIFIC CONDITIONS OF USE: NO



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

Variations Permitted by Issue 1:

Applicant and Manufacturer address has been relocated to Unit F3, 3 - 29 Birnie Avenue, Lidcombe NSW 2141 Australia, previously 18-20 Railway Road, Meadowbank NSW 2114 Australia.

Annex:

[Annexe_IECEx TSA 15.0006-1_1.pdf](#)



IECEX Certificate of Conformity Annexe

Annexe for Certificate No.:	IECEX TSA 15.0006	Issue No.:	1
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Equipment description continue

Part Number	Description
AA803B	11 kV, 800 A Bolted Coupler
AA803BC	11 kV, 800 A Bolted Coupler, with phase indicator lights
AA804B	11 kV, 800 A Bolted Coupler, with pilot socket
AA804BC	11 kV, 800 A Bolted Coupler, with pilot socket and phase indicator lights
AB803B	11 kV, 800 A Bolted Adaptor
AB803BC	11 kV, 800 A Bolted Adaptor, with phase indicator lights
AB804B	11 kV, 800 A Bolted Adaptor, with pilot socket
AB804BC	11 kV, 800 A Bolted Adaptor, with pilot socket and phase indicator lights
F-4479B	End Cover

IP rating:

IP66/IP68 (2 metres for 30 minutes) for: Adaptor, Coupler or End Cover, when bolted together.

Drawing list pertaining to Issue 1 of this Certificate:

Drawing/Document Number:	Page/s:	Title:	Revision Level:	Date: (yyyy-mm-dd)
F-577-1	1	800A 11kV Bolted Adaptor Body Size "D"	C	2015-04-24
F-577-2	1	800A 11kV Bolted Coupler Body Size "D"	C	2015-04-24
F-577-3	1	800A 11kV Bolted Coupler/Adaptor Technical Notes	C	2015-04-24

*Note: An * is included before the title of documents that are new or revised.*

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