

Certificate of Conformity

Ex EQUIPMENT

Certificate No.: **ANZEx 15.3004**

Current Issue: 1

Date of Issue: 2023-09-22

Applicant: **CMI Electrical Products**
Unit F3, 3 – 29 Birnie Avenue
Lidcombe NSW 2141
Australia

Equipment: M.I.P., 11 kV, 800 A, Bolted Coupler and Adaptor, Type A

Type of Explosion Protection: Flameproof 'd'

Explosion Protection Marking: Bolter Adaptor/Coupler
M.I.P. A%80#B@ 800A 11 kV IP66/68 Type "A"
Ex d I Mb ANZEx 15.3004
S.O xxxxx-xx
DO NOT SEPARATE 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 ANZEx 15.3004
S.O xxxxx-xx
DO NOT SEPARATE WHEN ENERGIZED

*This certificate is granted subject to the requirements as set out in
Joint Accreditation System of Australia and New Zealand Publications
ANZEx System Rules 2020 & ANZEx Certified Equipment Scheme Rules 2021*

Signed for and on behalf of issuing body



Name & Position

Debbie Wouters – Acting Quality & Certification Manager

This certificate is not transferable and remains the property of the issuing body.

The status of this certificate can be confirmed through the database located at www.anzex.com.au

Certificate issued by:

TestSafe Australia
919 Londonderry Road, Londonderry NSW 2753 Australia

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

**Additional
Manufacturing
Location(s):** None

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:

AS/NZS 1300:2009	Electrical equipment for mines and quarries – Bolted explosion-protected three-phase cable coupling devices (Incorporating Amendment No. 1)
IEC 60079-0: 2011	Explosive atmospheres - Part 0: General requirements.
IEC 60079-1: 2007	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
AS 60529-2004	Degrees of protection provided by enclosures (IP Code)

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

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Schedule

Equipment Description:

The M.I.P., 11 kV, 800 Amp, 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.

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.

Electrical Ratings/Parameters

Up to 11 kV 800 A

Specific Conditions of Use:

None

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Register of Issues and Variations

includes the current issue

Issue 0 dated 2015-05-01Test & Assessment Reports relevant for this issue:

TR No. & Issuing CBs: 34600 – TestSafe

QAR No. & Issuing CB: 06.004/2014 – TestSafe

File Reference: 2009/027670

Manufacturer's Documents/Drawings associated with this issue:

Document / Drawing No.:	Pages:	Document / Drawing Title	Revision	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

Issue 1 dated 2023-09-22Variations Permitted by this Issue

- 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.

Test & Assessment Reports relevant for this issue:

TR No. & Issuing CBs: None

QAR No. & Issuing CB: AU/TSA/QAR11.0009/09 – TestSafe

File Reference: 2023/004677

Manufacturer's Documents/Drawings associated with this issue:

No change.