

Certificate of Conformity

Ex EQUIPMENT

Certificate No.: **ANZEx 07.3024**

Current Issue: 1

Date of Issue: 2023-09-22

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

Equipment: FWP Series (wire armoured / cross braided cable) Cable Glands and
GWP Series (unarmoured cable) Cable Glands

Type of Explosion Protection: Flameproof 'd'

Explosion Protection Marking: CMI
Ex d e p I/IIC IP*
DIP IP*
MIN DIA
ANZEx 07.3024
*FWP Series – IP66
*GWP Series – IP66/IP68 (7 Metres)

*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 2380.1 - 1989	Electrical equipment for explosive atmospheres - Explosion-protection techniques – Part 1: General requirements
AS 2380.2 - 1991	Electrical equipment for explosive atmospheres - Explosion-protection techniques – Part 2: Flameproof enclosure d (incorporating amendment 1) This standard has been superseded and replaced by AS/NZS 60079.1. The current issue is AS/NZS 60079.1:2014 Ed 7.
AS 1828 – 1984	Electrical equipment for explosive atmospheres – Cable glands
AS 1939 – 1990	Degree of protection provided by enclosures for electrical equipment (IP Code)

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

* This ANZEx certificate was issued on the basis of an existing Certificate of Conformity AUSEx 28 in accordance with Clause 3.3 of MP87:2008. Certificate AUS Ex 28 was first re-validated on 27 March 1996.

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Schedule

Equipment Description:

The "Surefit" cable glands consists of Series FWP and GWP as listed in Tables 1, 2, and 3. The cable glands are constructed of nickel plated brass alloy or stainless steel with metric or imperial entry threads. The GWP series cable glands are manufactured with the option of extended backnut. The gland bodies have an angled grommet shoulder.

Table 1: FWP Series for Wire Armoured Cable

METRIC	METRIC
FWPM0	FWPM4
FWPM1	FWPM4A
FWPM1A	FWPM5
FWPM1B-25	FWPM5A
FWPM2	FWPM5B
FWPM2A	FWPM6
FWPM2B-32	FWPM6A
FWPM3	FWPM6B
FWPM3A	-

Table 2: GWP Series for Unarmoured Cable

METRIC	
GWPM0	GWPM3ASS
GWPM1	GWPM4
GWPM1A	GWPM4A
GWPM1B-25	GWPM5
GWPM1BSS	GWPM5A
GWPM2	GWPM5B
GWPM2A-32	GWPM6

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GWPM2ASS	GWPM6A
GWPM3	GWPM6B
GWPM3A	-
IMPERIAL	
GWP7A	GWP9B
GWP7B	GWP9C
GWP7C	GWP9D
GWP8A	GWP10A
GWP8B	GWP10B
GWP8C	GWP10C
GWP8D	GWP10D
GWP9A	

Table 3: GWP Series for Unarmoured Cable with Extended Backnut Option

GWP SERIES GLANDS CAT NUMBERS UNARMoured CABLE	
METRIC	METRIC
GWPMEX0	GWPMEX4
GWPMEX1	GWPMEX4A
GWPMEX1A	GWPMEX5
GWPMEX1B-25	GWPMEX5A
GWPMEX2	GWPMEX5B
GWPMEX2A-32	GWPMEX6
GWPMEX3	GWPMEX6A
GWPMEX3A	GWPMEX6B
GWPMEX3ASS	-

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Electrical Ratings/Parameters

Cable glands

Specific Conditions of Use:

None

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Date of Issue: 2023-09-22

Register of Issues and Variations

includes the current issue

Issue 0 dated 2007-09-06

Test & Assessment Reports relevant for this issue:

TR No. & Issuing CBs: NM98/0001, NE97/0005, NE95/0049 – Simtars
LOSC 5628, 5228A - TestSafe

QAR No. & Issuing CB: AU/TSA/QAR11.0009/00 – TestSafe

File Reference: 2006/008175

Manufacturer's Documents/Drawings associated with this issue:

Document / Drawing No.:	Pages:	Document / Drawing Title	Revision	Date (yyyy-mm-dd)
PSK 688-A	1	External & Internal Thread Tolerance (Metric)	L	2007-04-03
PSK 690	1	BSP Internal & External Thread Tolerance	D	2007-04-18
FWP-2-7-8	1	Grommets and Friction washer	A	2007-08-14
FWP-3	1	FWP / FWPM Inner Cone	D	2007-05-31
FWP-4	1	FWPMSS/FWP & FWPM/FWP Outer Cone	D	2007-05-31
FWP-5	1	FWPM/FWP Centre Body	D	2007-05-31
FWP-9	1	FWPMSS/FWPSS & FWPM/FWP Back Nut	C	2007-05-31
FWPM	1	FWPM Gland Assembly	C	2007-05-27
FWPM-1	1	FWPM Gland Body	H	2007-05-31
GWP-1	1	GWPSS/GWP Gland Body	F	2007-07-04
GWP-2-3	1	GWPM/GWP Grommet & Friction washer	L	2007-04-13
GWP-4	1	GWPMSS/GWPSS & GWPM/GWP Back Nut	M	2007-04-13
GWP-4EX	1	GWPMSS/GWPSS & GWPM/GWP Extended Tail	M	2007-04-13
GWPM-1	1	GWPM/GWP Gland Body	O	2007-07-04
GWPM-1SS	1	GWPMSS/GWPSS Gland Body	G	2007-07-04
GWPM/GWP	1	GWPM Gland Assembly	F	2007-04-17
GWPMGWPASS	1	GWPMSS/GWPSS Gland Assembly	B	2007-07-04
MWI-026	6 pages	Flameproof Gland Marking	20	2007-07-04

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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.