

Australian/New Zealand
Certification Scheme for

EXPLOSION-PROTECTED ELECTRICAL EQUIPMENT

ANZEx Scheme

Certificate of Conformity

Certificate No.: ANZEx 05.4006X	Issue No.: 0	Date of Issue: 5 September 2006
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Certificate Holder: Austdac Pty Limited
Unit 1 / 4 Packard Ave
Castle Hill NSW 2154
Australia

Electrical Apparatus: Strobe Type MFLA3

Type of Protection: Ex ia I

Marking Code: Ex ia I
ANZEx 05.4006X

Manufacturing Location(s): Austdac Pty Limited
Unit 1 / 4 Packard Ave
Castle Hill, NSW 2154
Australia

The EPEE certification database located at www.anzex.com.au shows the validity of this Certificate.

This certificate and schedule shall not be reproduced except in full

ITACS[®]

ABN 06 098 886 563

Certificate issued by

ITACS Pty. Ltd.

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Accreditation by the Joint
Accreditation System of
Australia and New Zealand

Acc No. Z2870404AA

www.jas-anz.com.au

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*This certificate is granted subject to the conditions as set out in Standards Australia/Standards New Zealand Miscellaneous Publication **MP87**.*

STANDARDS:

The electrical apparatus 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 60079.0: 2000	Electrical apparatus for explosive gas atmospheres General requirements
AS/NZS 60079.11: 2000 + Amdt 1	Electrical apparatus for explosive gas atmospheres Intrinsic safety "i"

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

TEST & ASSESSMENT REPORTS:

The equipment listed has successfully met the examination and test requirements as recorded in

Test Report No. and Issuing Body:	ITACS - TR 3382
Quality Assessment Report No. and Issuing Body:	ITACS - QAR ANZEx 05.4006X-05/01

ITACS File Reference: ANZ Ex 05.4006X

Signed for and on behalf of issuing body

General Manager



5 September 2006

Position

Date of Issue

This certificate and schedule shall not be reproduced except in full
This certificate is not transferable and remains the property of the issuing body
and must be returned in the event of it being revoked or not renewed.

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Schedule

EQUIPMENT:

The apparatus is designed to provide a flashing light for general annunciation when the power supply is connected to the circuit. The apparatus comprises of a single printed wiring board upon which are mounted two high visibility Light Emitting Diodes (LED) and other electronic components. The electronics module is completely encapsulated in to a plastic housing fitted with two bolts and a gasket for mounting purposes.

External connections are made via two integral wires which are colour coded to minimize the risk of incorrect connection

CONDITIONS OF CERTIFICATION:

The following conditions of safe use apply;

1. The following parameters are not exceeded

MFLA3-06-XX	
<i>U_i</i>	7.88 V
<i>I_i</i>	2.5 A
<i>C_i</i>	11 μ F
<i>L_i</i> =	negligible mH

MFLA3-12-XX	
<i>U_i</i>	12.6 V
<i>I_i</i>	2.5 A
<i>C_i</i>	negligible μ F
<i>L_i</i> =	negligible mH

2. The apparatus must be installed such that the integral wires are housed in an enclosure having a minimum Ingress Protection (IP) rating of IP55 and the base of the enclosure is protected from impact.

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DRAWINGS:

Document No.	Document Title	Issue	Date (yyyy/mm/dd)
59-080-37 Sheets 1 & 2	TYPE MFLA3 STROBE DOCUMENT LIST	05	2006/05/12
59-081-03	STROBE TYPE MFLA3 SCHEMATIC DIAGRAM	02	2006/04/28
59-082-21 Sheets 1 to 3	STROBE TYPE MFLA3 PCB0179A ARTWORK DETAILS	03	2006/04/28
59-083-14 Sheets 1 & 2	IS TYPE MFLA3 STROBE PCB0179A BILL OF MATERIALS	05	2005/04/28
59-084-04	STROBE TYPE MFLA3/MFLA4 ASSEMBLY DIAGRAM	05	2006/05/01
59-085-06	STROBE TYPE MFLA3/MFLA4 GASKET MECHANICAL DETAILS	03	2006/05/01
59-086-07 Sheets 1 & 2	STROBE TYPE MFLA3 PCB0179A COMPONENT LOADING DIAGRAM	04	2006/05/01
59-088-14 Sheets 1 & 2	I.S. TYPE MFLA3 STROBE BILL OF MATERIALS	04	2006/05/02
59-090-15	STROBE TYPE MFLA3/MFLA4 GENERAL ARRANGEMENT	03	2006/05/02
59-091-13	STROBE TYPE MFLA3 LABEL DETAILS	03	2006/05/02