

Certification of

EXPLOSION PROTECTED ELECTRICAL EQUIPMENT

Administered by: Standards Australia Quality Assurance Services

Certificate of Conformity

Certificate No. Ex: 3129X Issue 0: Original Issue 6/12/1994
Issue 1:
Issue 2:
Issue 3:

Date of Expiry: 6/12/2004 See Expiry Date Extension

Certificate Holder: Ebs-Ray Pumps Pty Limited
628 Pittwater Road
BROOKVALE NSW 2100

Electrical Equipment: Type A805001 Submersible Pump

Type of Protection and Marking Code: Ex s IIA T4 Class I Zone 0

Manufactured By: Ebs-Ray Pumps Pty Limited
628 Pittwater Road
BROOKVALE NSW 2100

Issued by:



Londonderry Occupational Safety Centre

132 Londonderry Road LONDONDERRY NSW 2753
Phone: (047) 244 900 Fax: (047) 244 999

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This certificate is granted subject to the conditions as set out in Standards Australia Miscellaneous Publication MP 69 and the Procedures (Doc Q7134) of the scheme.

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

AS 1826-1983 Electrical Equipment for Explosive Atmospheres - Special Protection - Type of Protection 's'

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

Test Report No: LOSC 12267

File Reference: LOSC 94/6636

K J Aird

Signed for and on behalf of issuing authority

Coordinator, Approvals + Certificates

Position

6/12/1994

Date of issue

This certificate and schedule may not be reproduced except in full.

This certificate is not transferable and remains the property of Standards Australia Quality Assurance Services and must be returned in the event of its being revoked or not renewed.

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Schedule

Certificate No. Ex: 3129X Issue: 0 Date of Issue: 6/12/1994

Equipment: The Type A805001 Submersible Pump is designed for operation within the product tank and incorporates a three phase induction motor rated for operation at 5 hp at between 380 or 415 Volts 50 Hz or 460 Volts 60 Hz. Electrical connections to the motor are made via a pipe and conduit system which is also used to transfer the product. For cooling and lubrication purposes a portion of the product pumped is directed through the motor.

Conditions of Certification:

1. The equipment shall be used only in conjunction with liquids having a flash point of less than -5°C or greater than $+40^{\circ}\text{C}$.
2. On installation the pump housing shall be electrically bonded to the tank structure in an effective and reliable manner.
3. On installation the motor leads shall be terminated in an enclosure certified for use in a Class I Zone 1 hazardous area.
4. The manufacturer must perform a routine high voltage test to clause 6.2 of AS 2380.1.

Drawing Schedule

Drawing No.	Drawing Title	Revision No.	Drawn/ Revision Date
X501D024	Layout - 4" LPG Submersible Motor	C	23/11/94
X501D029	Nameplate - Submersible Pump	A	5/12/94

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