



Explosion Prevention Services

(Pty) Ltd

Reg No: 1999/027771/07

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GOVERNMENT APPROVED TEST LABORATORY

IN TERMS OF ARP 0108: "REGULATORY REQUIREMENTS FOR EXPLOSION PROTECTED APPARATUS"

IA CERTIFICATE

Date Issued: **09 Sep 2022**
*Expiry date: **09 Sep 2032**
Page 1 of 3
Issue No.: 0

Ex – Type Examination Certificate

Certificate Number: **S-XPL/22.0902 X**
Equipment: **Enviroglands for SWA & braided cable (Black & Green)**
Model / Type: **Envirogland SWA (Black & Green): 00, 0s, 0, 1, 2, 3, 4, 5, 6, 7 and
Enviroglands for Braided cable (Black & Green): 0s, 0, 1, 2, 3, 4, 5**
Applicant: **Pratley Manufacturing (Pty) Ltd
PO Box 3055
Kenmare
1745**
Manufacturer: **Pratley Manufacturing (Pty) Ltd**
Serial No: **All serial numbers of equipment covered by a valid report or acceptable
product certification mark.**

Supplied by
Pratley Manufacturing (Pty) Ltd
Identified by Inspection Authority number
S-XPL/22.0902 X

And as described in the Explolabs file number **XPL/22855/22.0902 Issue 0** is hereby certified "Explosion Protected (Refer to clause 1, for Ex Rating)", having been examined and inspected in accordance with the relevant requirements of South African Standards.

- SANS 60079-0: 2019 Ed 6** Explosive atmospheres Part 0: Equipment — General requirements
- IEC 60079-0: 2017 Ed 7**
- SANS 60079-7: 2019 Ed 4** Explosive atmospheres Part 7: Equipment protection by increased safety "e"
- IEC 60079-7:2015 Ed 5**
- SANS 60079-15: 2010 Ed 4** Explosive atmospheres Part 15: Equipment protection by type of protection
- IEC 60079-15: 2010 Ed 4** "n"
- SANS 60079-31: 2014 Ed 2** Explosive atmospheres Part 31: Equipment dust ignition protection by enclosure "t"
- IEC 60079-31: 2013 Ed 2**
- SANS 60529: 2013 Ed 1.2** Degrees of protection provided by enclosures (IP Code)
- IEC 60529: 2013 Ed 2.2**



T0104

The South African National Accreditation System (SANAS) is a member of the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA). This Arrangement allows for the mutual recognition of technical test and calibration data by the member accreditation bodies worldwide. For more information on the Arrangement please consult www.ilac.org

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2. INSTALLATION INSTRUCTIONS

It is the manufacturer's responsibility to supply installation instructions with each unit offered for sale as required by IEC/SANS 60079-0 Clause 30.

3. SPECIAL CONDITIONS FOR SAFE USE (denoted by "X" after certificate number)

- An IP rating of IP68 must be upheld after installation by ensuring that a nipple gasket is fitted.
- The location of installation shall be in the range of -20 °C to +85 °C
- Static Hazard, wipe with a damp cloth.

4. CONDITIONS OF CERTIFICATION

All production units must be covered by a QAN (Quality Assurance Notification), Product Mark Scheme or batch evaluation.

5. ROUTINE TEST

None

6. MARKING

The following (or similar) information have to be clearly and permanently marked on all units:

- Manufacturer : Pratley Manufacturing (Pty) Ltd
- Equipment : Enviroglads for SWA & braided cable (Black & Green)
- Model/Type : Enviroglad SWA (Black & Green): 00, 0s, 0, 1, 2, 3, 4, 5, 6, 7 and Enviroglads for Braided cable (Black & Green): 0s, 0, 1, 2, 3, 4, 5
- Serial No. : ---
- Ex Rating : Ex eb IIC Gb
Ex nR IIC Gc
Ex ta IIIC Da (IP66/68 2m continuous)
- IA Certificate No : S-XPL/22.0902 X

This certification indicates compliance with R10.1 of the Mines Health and Safety Act and/or EMR 9(2) of the Occupational Health and Safety Act, provided that the apparatus is used as relevant in accordance with:

- i) SANS 10086 and IEC/SANS 61241-14 requirements as applicable;
- ii) Any conditions mentioned in the above report;
- iii) Any relevant requirements and codes of practice enforced in terms of the Mine Health and Safety Act or Occupational Health and Safety Act; and
- iv) Any restrictions and conditions enforced by the Chief Inspector of Mines or the Principal Inspector or the Chief Inspector: Occupational Health and Safety.
- v) A revision certificate replaces all previous version of the certificate.
- vi) * - Only covers equipment imported between the "Issued" and "Expire" dates.
- vii) If and when your QAN (Quality Assurance Notification) Certificate for your equipment manufacturer expires during the valid period of the IA Certification (issued for your equipment) and a new certificate is not submitted the existing IA Certification will then be cancelled. It is thus the client's responsibility to always submit the updated and valid QAN certificate(s) to Explolabs (Pty) Ltd

Compiled and Tested by:

D Maree
Technical Signatory
EXPLOLABS EXPLOSION PREVENTION SERVICES

Reviewed and Approved by:

M Lategan
Technical Specialist

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