

IA CERTIFICATE: SABS S/12-489U
Ex e COMPRESSION/ARMOURED CABLE GLANDS

GENERAL

IDENTIFICATION.

The glands were manufactured and supplied by Pratley Manufacturing and Engineering (Pty) Ltd. They were intended to be used in the following areas: Group II A, IIB and IIC.

The glands may be manufactured from brass, bronze or stainless steel dependent on application.

The nipple thread may be metric or NPT as applicable.

Each gland consisted of a gland body with a fitted nipple gasket and a steel locknut (as applicable) and a red identification band. Internally the brass compression bush was fitted with a cartridge and two rubber seals.

The cable glands tested consist of the following:

- Cable glands for armoured cable, sizes 0s to 8
- Ultra glands for armoured cable, sizes 0 to 8
- Compression glands for un-armoured cable, sizes 00 to 5
- Envirogland for armoured cable, sizes 0 to 7
- Envirogland for un-armoured cable, sizes 0 to 7
- Enviro & Enviro compression glands (green) for acidic environments sizes 00 to 5.

The glands are to be identified by the following markings:

Pratley
SABS
No X (size)
Mxx or NPTXX (thread size)
Ex e II
Ex tD IIIC
IP68
S/12-489U

SABS COMMERCIAL SOC Ltd. Reg. No. 2000/013581/07

Directors: Mr CB Sibisi, Dr B Mehlomakulu, Dr T Demana, Dr MJ Ellman, Mr WK Masvikwa, Ms B Mosako, Ms WIJ Poulton, Ms W de Witt (Company Secretary). **Website:** www.sabs.co.za **E-mail:** info@sabs.co.za **Call Centre:** 086 1277 227

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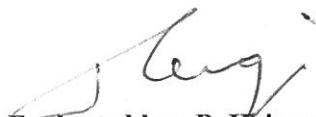
COMPLIANCE: The unit as described above and examined in **SABS Report No. SABS 2335/12-489** is hereby certified "Explosion Protected" and is suitable for use in hazardous locations as stated below, as determined during tests and inspections conducted in accordance with the relevant requirements of SANS Standards:

SANS 60079: "Explosive atmospheres" Part - 0:2009 "Equipment-General requirements", Part - 7:2007 "Equipment protection by increased safety 'e'"

Locations : Zone 1 and 2 : Gas
Hazard Frequency : Intermittent as could occur under abnormal and normal operation
Environment Group IIC : Propane to Hydrogen
Temperature Class : -----
Ingress Protection rating : IP 68

This certification indicates compliance with R21.17.2 of the Mine Health and Safety Act and/or EMR 8(1) of the Occupational Health and Safety Act, provided that the apparatus is used as relevant in accordance with:

- i) SANS 10086 requirements;
- ii) Any relevant requirements of the MHS or OHS act;
- iii) Codes of Practice enforced in terms of Regulations 21.17.2 of the Mineral Act, by the Chief Inspector of Mines;
- iv) Any restrictions and conditions enforced by the Chief Inspector of Mines, Principal Inspector (Group I equipment) or Chief Inspector of Factories (Group II equipment);
- v) Any conditions mentioned in the above Test Report



Evaluated by: P. Heigers
TECHNICAL SIGNATORY



Report reviewed by: Duke Richard Nene
MANAGER

EXPLOSION PREVENTION TECHNOLOGY