



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: 19 Jul 2019

*Expiry date: 19 Jul 2029

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Issue: 0

Ex – Type Examination Certificate

Certificate Number: S-XPL/19.0945 U
Equipment: Earthing Assembly
Model / Type: Earthing and ARC Earthing
Applicant: Earthings (Pty) Ltd
44 Goodman Street
Benoni
1501

Manufacturer: Earthings (Pty) Ltd

Serial No: All serial numbers of equipment covered by a valid report or acceptable product certification mark.

Supplied by
Earthings (Pty) Ltd
Identified by Inspection Authority number
S-XPL/19.0945 U

And as described in the Explolabs file number **XPL/20699/19.0945** 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 80079-36:2018 Ed 1/ISO 80079-36:2016 Ed 1

Explosive Atmosphere Part 36: Non-electrical equipment for explosive atmosphere- Basic methods and requirements

SANS 80079-37:2018 Ed 1/ISO 80079-37:2016 Ed 1

Explosive Atmosphere Part 37: Non – electrical equipment for explosive atmosphere – Non electrical type of protection constructional safety "c", control of ignition source "b", liquid immersion "k"

Risk of ignition provided:

Protection afforded	Equipment Protection Level (EPL)	Performance of protection	Conditions of operation	T class or Max Surface Temp (°C)
	Group			
High	Gb Group II	Suitable for normal operation and frequently occurring disturbances or equipment where faults are normally taken into account	Equipment remains functioning in zones 1 and 2	N/A
High	Db Group III	Suitable for normal operation and frequently occurring disturbances or equipment where faults are normally taken into account	Equipment remains functioning in zones 21 and 22	N/A