



Mining And Surface Certification (Pty) Ltd

2015/021934/07

THIS CERTIFICATE IS ISSUED AS AN I.A. CERTIFICATE IN TERMS OF THE MINE HEALTH AND SAFETY ACT, ACT NO 29 OF 1996 (AND REGULATIONS), THE OCCUPATIONAL HEALTH AND SAFETY ACT (ACT 85 OF 1993) AND REGULATION 17 OF THE ELECTRICAL MACHINERY REGULATIONS

IA CERTIFICATE	MASC M/25-8142X	Issue	0
Issue Date	14 May 2025	Expiry Date	14 May 2035
Applicant	Desa Drilling and Equipment CC, 101 15 th Ave, Anderbolt, Boksburg, 1459		
Manufacturer	Desa Drilling and Equipment CC, 101 15 th Ave, Anderbolt, Boksburg, 1459		
Description (See "Annex A" below)			
Equipment	DeviGyro	Type	IS Bullet
Photo			
MARKING: <i>Must be additionally applied to the equipment</i>	Applicant / Manufacturer Type Ex Marking IA Number Serial Number Rating	Desa Drilling and Equipment CC DeviGyro IS Bullet Ex ia I Ma MASC M/25-8142X See conditions below As per description below	
WARNING(S)	As per conditions below		
Compliance:			
The equipment as described above and in report MASC 25-8142 has been allocated the rating <u>Explosion Protected as above</u> utilizing the principals in the following SANS Standards:			
<ul style="list-style-type: none"> SANS 60079-0: 2019 General requirements SANS 60079-11: 2024 Explosive Atmospheres – Part 11: Equipment protection by intrinsic safety "i" ARP 0108: 2018 Regulatory requirements for explosion protected apparatus NCoP 2398: 2022 National Code of Practice for Electrical Machinery in Hazardous Locations - Regulatory requirements for explosion-protected apparatus 			
Conditions:			
<ul style="list-style-type: none"> ➤ This certificate covers only a national implementation of above standards for use in South African industry. ➤ It is up to the manufacturer to ensure that the product complies to all relevant standards for the application. ➤ This document will not be supported by MASC outside the borders of South Africa and may not be used for other/international certification purposes. ➤ This certificate may only be reproduced in full, is not transferable and remains the property of the issuing body. This certificate only covers the sample submitted and does not cover production units. ➤ According to the relevant requirements of the MHS Act and the OHS Act, production units of explosion protected equipment are required to comply with third party quality assurance (an approved mark scheme or batch testing by an accredited test laboratory.) and be identifiable by a unique and traceable serial number. 			
Specific conditions of use X:		Conditions of manufacture:	
• See "ANNEX A" below		• See "ANNEX A" below	
S. Jordaan TECHNICAL SPECIALIST		 D.P. Visser TECHNICAL SPECIALIST	
<p>This certificate only covers the sample submitted and does not cover production units.</p> <p>According to the relevant requirements of the MHS Act and the OHS Act, production units of explosion protected equipment are required to comply with third party quality assurance (an approved mark scheme or batch testing by an accredited test laboratory).</p>			

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Apparatus in hazardous locations is subject to the following provisions as applicable, which shall be adhered to:

- SANS 10086 requirements;
- Any conditions mentioned in the above certificate;
- Any relevant requirements of the MHS Act;

Any restrictions and conditions enforced by the chief inspector of mines, principal inspector (Group I equipment) or chief inspector of factories (Group II equipment).

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IA CERTIFICATE: MASC M/25-8142X
Equipment: DeviGyro IS Bullet

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ANNEX A

Description	Enclosure	Populated	Unpopulated
	General	The DeviGyro IS Bullet is a device for surveying a borehole in a horizontal drilling operation. The device is housed in a non-metallic cylindrical housing with brass end caps and springs located on both sides. The unit houses the surveying device and is powered by a Panasonic CR123A battery. The unit has an IP68 rating.	
Safety Parameter			
Standard compliance	See "certificate" above		
Warnings	See "certificate" above		
Conditions of Certification:			
Specific Conditions of use (X)	<ul style="list-style-type: none">• Do not replace the battery in a hazardous area.• A static hazard maybe present, wipe only with a damp cloth.• The unit may only be powered by a Panasonic CR123A battery.		
Conditions of manufacture	<ul style="list-style-type: none">• None.		

This document is issued based on Mining And Surface Certification's Standard Contract terms and conditions available on request.

While every endeavour is made to ensure that a test / assessment / inspection is representative and accurately performed, and that a report / certificate is accurate in the quoted results and conclusions drawn from the test / assessment / inspection, MASC or its directors/employees shall in no way be liable for any error made in carrying out the test / assessment or for any erroneous statement, whether in fact or in opinion, contained in a report / certificate issued pursuant to a test / assessment / inspection.

MASC takes no responsibility for any non-conformances, exclusions or any results / assessments / inspections not in compliance with the standards. By marking the equipment in accordance with the documentation / standard, the manufacturer / applicant attests on his own responsibility that the equipment / installation has been designed and constructed in accordance with the applicable requirements of the relevant standards and documentation, that the routine verifications / routine tests have been correctly completed, and the equipment / installation complies with the documentation and standard(s).

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Mining And Surface Certification (Pty) Ltd Reg No: 2015/021934/07
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