





Mining And Surface Certification (Pty) Ltd

(Pty) Ltd: 2015/021934/07

IN TERMS OF REGULATION 21.17.2 OF THE MINERALS ACT (INCORPORATION THE MINE HEALTH AND SAFETY ACT) AND REGULATION 9 (1) OF THE ELECTRICAL MACHINERY REGULATIONS OF THE OCCUPATIONAL HEALTH AND SAFETY ACT

IA CERTIFICATE	MASC MS/20-8195X	Issue	0
Issue Date	10 June 2020	Expiry Date	10 June 2030
Applicant	Automatech (Pty) Ltd, Unit 7 The Crest Estate Office Park, 154 Goedemoed Road Durbanville 7490		
Manufacturer	Repro Supplies (Pty) Ltd, Unit 14 No 3 Saligna Street, Saligna park, Witfield, Boksburg		
Description	The Contact Tracer Tag unit consists of a PCB powered by a rechargeable battery and housed inside an IP54 enclosure. The Tag is a remote unit with no wired connections in the hazardous area.		
Equipment	Contact Tracer Tag		
MARKING:	Applicant Manufacturer Type Ex Marking IA Number Serial Number	Automatech (Pty) Ltd Repro Supplies (Pty) Ltd Contact Tracer Tag Ex ia I Ma Ex ia IIC T6 Ga MASC MS/20-8195X See "Annex A" below	
Compliance:			
The equipment as described above and in MASC report 20-8195 has been allocated the rating <u>Explosion Protected Ex ia I Ma and Ex ia IIC T6 Ga</u> utilizing the SANS/IEC Standards:			
<ul style="list-style-type: none"> SANS (IEC) 60079-0:2019 General requirements SANS (IEC) 60079-11:2012 Equipment protected by intrinsic safety "i" ARP 0108:2014 Regulatory requirements for explosion protected apparatus 			
Special conditions of safe use X:			
<ul style="list-style-type: none"> The battery may not be removed / replaced inside the hazardous area. 			
Conditions of manufacture:			
<ul style="list-style-type: none"> The fuse must be encapsulated to at least 1mm to free air. 			
 C Welthagen TECHNICAL SPECIALIST		 D.P Visser TECHNICAL SPECIALIST	

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).



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 and code of practice enforced in terms of regulations 21.17.2 of the minerals 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).

This certificate may only be reproduced in full.
This certificate is not transferable and remains the property of the issuing body
Mining And Surface Certification (Pty) Ltd
Unit 5 Lelyta Park, 45 Jurg Ave. Hennospark Ext 87
Centurion, 0157



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Contact Tracer Tag

ANNEX A

Description	Enclosure	Populated	Unpopulated
	General	The Contact Tracer Tag unit consists of a PCB powered by a rechargeable battery and housed inside an IP54 enclosure. The Tag is a remote unit with no wired connections in the hazardous area.	
Standard compliance	See "certificate" above		
Warnings	None		
Conditions of Certification			
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.			
Special Conditions of safe use (X)	<ul style="list-style-type: none"> The battery may not be removed / replaced inside the hazardous area. 		
Conditions of manufacture	<ul style="list-style-type: none"> The battery may not be removed / replaced inside the hazardous area. 		

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).

This document is only for use and application in South Africa. It is issued based on National interpretations and accepted practices