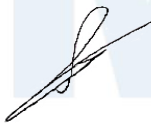





# Mining And Surface Certification (Pty) Ltd

(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

<b>IA CERTIFICATE</b>	MASC MS/22-8518X	<b>Issue</b>	0
<b>Issue Date</b>	05 October 2022	<b>Expiry Date</b>	05 October 2032
<b>Applicant</b>	Schauenburg Systems (Pty) Ltd, 26 Spartan Road, Spartan Ext. 21, Kempton Park, South Africa, 1619		
<b>Manufacturer</b>	Schauenburg Systems (Pty) Ltd, 26 Spartan Road, Spartan Ext. 21, Kempton Park, South Africa, 1619		
<b>Description</b>	The unit is designed to continuously monitor the core body temperature of a user. The unit connects to an APP to display the data collected. The unit is made of white plastic with approximate dimensions of 50mm x 40mm x 8.5mm. The unit is powered by a lithium-polymer battery via a magnetic USB cable.		
<b>Equipment</b>	Core Body Temperature Monitor		
<b>MARKING:</b>	<b>Applicant / Manufacturer Type</b>	<b>Schauenburg Systems (Pty) Ltd</b>	
	<b>Ex Marking</b>	Core Body Temperature Monitor Ex ia I Ma Ex ia IIC T4 Ga	
	<b>IA Number</b>	MASC M/22-8518X	
	<b>Serial Number</b>	See "Annex A" below	
<b>Compliance:</b>			
The equipment as described above and in MASC report 22-8518 has been allocated the rating <u>Explosion Protected Ex ia I Ma Ex ia IIC T4 Ga</u> utilizing the SANS/IEC Standards:			
<ul style="list-style-type: none"> <li>SANS (IEC) 60079-0:2019 General requirements</li> <li>SANS (IEC) 60079-11:2012 Intrinsic safety "i"</li> <li>ARP 0108:2014 Regulatory requirements for explosion protected apparatus</li> </ul>			
<b>Special conditions of safe use X:</b>			
<ul style="list-style-type: none"> <li>Do not charge in the hazardous area.</li> </ul>			
<b>Conditions of manufacture:</b>			
<ul style="list-style-type: none"> <li>None</li> </ul>			
 <b>S. Jordaan</b> <b>TECHNICAL OFFICER</b>		 <b>C. Welthagen</b> <b>TECHNICAL SPECIALIST</b>	
<p style="text-align: center;"><b>This certificate only covers the sample submitted and does not cover production units.</b></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>			

/ANNEX A...



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



# IA CERTIFICATE: MASC MS/22-8518X

## Equipment: Core Body Temperature Monitor

### ANNEX A

Description	Enclosure	Populated	Unpopulated
		General	The unit is designed to continuously monitor the core body temperature of a user. The unit connects to an APP to display the data collected. The unit is made of white plastic with approximate dimensions of 50mm x 40mm x 8.5mm. The unit is powered by a lithium-polymer battery via a magnetic USB cable.
<b>Standard compliance</b>	See "certificate" above		
<b>Warnings</b>	See "certificate" above		
<b>Conditions of Certification</b>			
<b>Special Conditions of safe use (X)</b>	<ul style="list-style-type: none"> <li>• Do not charge in the hazardous area.</li> </ul>		
<b>Conditions of manufacture</b>	<ul style="list-style-type: none"> <li>• None</li> </ul>		

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