



ACCREDITED TEST LABORATORY
IN TERMS OF THE ARP 0108: "REGULATORY REQUIREMENTS FOR EXPLOSION PROTECTED APPARATUS"

INSPECTION AUTHORITY CERTIFICATE

BARTEC SAFETY (PTY) LTD.
P.O. BOX 58071
NEWVILLE
2114

Issued: 2021/02/18
Expire: 2024/02/18
Revision: 0
Job File: 1274

Equipment: Mobile Computer.
Manufacturer: BARTEC GmbH
Address: Max-Eyth-Str. 16, 97980 Bad Mergentheim, Germany.
Model/Type: MC93ex-NI B7-A2M*_****/****
Serial No.: Units imported between Issued and Expiry dates.

Applicant:

BARTEC SAFETY (PTY) LTD.

Inspection Authority Number: **MTEEx-S/21.0061 X**

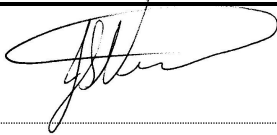

Ex Rating: Ex ic op is IIC T6 Gc
Ex ic op is IIIB T80°C Dc IP65

Standards used:

SANS 60079-0: 2019 Ed.6 IEC 60079-0: 2017 Ed.7	Explosive atmospheres – Part 0: General requirements.
SANS 60079-11: 2012 Ed.4 IEC 60079-11: 2011 Ed.6	Explosive atmospheres – Part 11: Equipment protection by intrinsic safety "i".
SANS 60079-28: 2009 Ed.1 IEC 60079-28: 2006 Ed.1	Explosive atmospheres – Part 28: Protection of equipment and transmission systems using optical radiation.

This certification indicates compliance with R10.1 of the Mines Health and Safety Act and/or EMR 8(1) of the Occupational Health and Safety Act, provided that the apparatus is used as prescribed in accordance with:

- 1) Any conditions set out in this Certificate;*
- 2) This certificate only covers equipment imported between the "Issued" and "Expiry" dates;*

Reviewed by + signature (ExTL):	J. Venter	
Approved by + signature (ExCB): (MTEEx Laboratories Technical Signatory)	D. Young	



- 3) *When the supporting Q.A.N. (Quality Assurance Notification) of the equipment manufacturer expires, it is the responsibility of the applicant (as mentioned above) to submit a valid Q.A.N to MTEEx Laboratories.*
- 4) *The test results presented in this Ex Test Report relate only to the item or product tested.*

1. OVERVIEW

The MC93^{ex}-NI is a battery powered mobile computer. It is equipped with a touch display, changeable keypads, NFC/RFID reader, Bluetooth/ WIFI communication and various data capture options.

2. REASON FOR REVIEW

- ARP 0108 Requirement.

3. DOCUMENTATION PROVIDED

- IECEx Certificate of Conformity (IECEX EPS 19.0108X).
- EC-Type Examination Certificate (EPS 19 ATEX 1 239 X).
- IEC Quality Assessment Report (DE/TUN/QAR06.0017/12).

4. ELECTRICAL / SAFETY PARAMETERS

Battery powered, Lithium ion, 3.6 V - 7000 mAh - 25.20 Wh Type B7-A2Z0-0059

5. INSTALLATION INSTRUCTIONS

The instructions provided with the product shall be followed in detail to assure safe operation.

6. CONDITIONS OF CERTIFICATE (X)

- The battery pack shall be changed or charged only outside hazardous areas.
- Connection and disconnection of all external ports, opening enclosure, or replacing battery pack while live is only permitted if the potentially explosive atmosphere is shown to be absent.
- The equipment shall be protected from impacts with high impact energy and high electrostatic charge generating processes.
- The ambient temperature range is from -20°C to +50°C.
- The manufacturer's safety instructions shall be respected strictly.

7. INSTALLATION INSTRUCTIONS

None.

8. MARKING

For validity purposes, the following marking must be added to all equipment covered by this certificate:

Manufacturer: BARTEC GmbH.
Supplier: BARTEC Safety (Pty) Ltd.
Equipment: Mobile Computer.
Model/Type: MC93ex-NI B7-A2M*-****/****.
IA Number: MTEEx-S/21.0061 X
Ex Rating: Ex ic op is IIC T6 Gc
Ex ic op is IIIB T80°C Dc IP65
Serial No.: -----

Note: It is the responsibility of the supplier to ensure that the marking label complies to the ARP 0108.

MTEEx Laboratories

Note: This document may not be reproduced except in full.

MTEEx Laboratories takes no responsibility for any non-conforming tests / assessments / results which is not in compliance with the relative Standards. By marking the equipment as mentioned in the documentation, the manufacturer takes full responsibility that the equipment has indeed complied with the original type assessment and has been subjected to any routine verification(s) / test(s) respectively.

End of Certificate