

1. GENERAL

The marking of the Mobile Computer shall include the following:
Ex ic IIB/IIC T4/T6 Gc, Ex ic IIIB T80°C Dc IP64 (also see General)

Description of equipment

The Mobile Computer MC92N0ex-NI is a handheld electrical device. It serves the purposes of the mobile entry, processing and radio transmission of data within potentially explosive atmospheres.
 Optionally, headsets from BARTEC GmbH with Part No. 17-28BE-F004 / 17-28BE-F005 or technically comparable types can be used.
 Use only BARTEC Part No. 17-A1Z0-0004 as display cover sheet.

Model overview

Type code	Marking
B7-A2A*-0**0/S***** B7-A2A*-R***/S***** B7-A2A*-R**2/S***** B7-A2A*-R**4/S***** B7-A2A*-R**5/S***** B7-A2A*-R**6/S*****	Ex ic IIC T6 Gc Ex ic IIIB T80°C Dc IP64
B7-A2A*-R**7/S***** B7-A2A*-R**8/S*****	Ex ic IIB T6 Gc Ex ic IIIB T80°C Dc IP64
B7-A2A*-R**1/S***** B7-A2A*-R**3/S***** B7-A2A*-R**A/S***** B7-A2A*-R**B/S*****	Ex ic IIC T4 Gc Ex ic IIIB T80°C Dc IP64
B7-A2A*-R**C/S***** B7-A2A*-R**D/S*****	Ex ic IIB T4 Gc Ex ic IIIB T80°C Dc IP64

2. SAFETY PARAMETERS

None.

Based on the following documentation: IECEx EPS 14.0100X Issue No 1

3. INSTALLATION INSTRUCTIONS

It is the manufacturer’s responsibility to supply installation instructions with each unit offered for sale as required by IEC/SANS 60079-0 Clause 30.

4. SPECIAL CONDITIONS FOR SAFE USE *(denoted by “X” after certificate number)*

- The battery pack shall be changed or charged only outside hazardous areas.
- The equipment shall be protected from impacts with high impact energy, against excessive UV light emission 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.

5. SCHEDULE OF LIMITATIONS *(denoted by “U” after certificate number)*

None.

6. CONDITIONS OF CERTIFICATION

All production units must be covered by a QAN (Quality Assurance Notification), Product Mark Scheme or batch evaluation.

7. MARKING

The following (or similar) information have to be clearly and permanently marked on all units:

Supplier : Bartec (Pty) Ltd
 Manufacturer : BARTEC GmbH
 Equipment : Mobile Computer
 Model/Type : MC92N0ex-NI B7-A2A*-*
 Serial No. : ---
 Ex Rating : Ex ic IIB/IIC T4/T6 Gc, Ex ic IIIB T80°C Dc IP64 (also see General)
 IA Certificate No : S-XPL/15.1598 X

This certification indicates compliance with R10.1 of the Mines Health and Safety Act and/or EMR 9(2) of the Occupational Health and Safety Act, provided that the apparatus is used as relevant in accordance with:

- i) SANS 10086 and IEC/SANS 61241-14 requirements as applicable;
- ii) Any conditions mentioned in the above report;
- iii) Any relevant requirements and codes of practice enforced in terms of the Mine Health and Safety Act or Occupational Health and Safety Act; and
- iv) Any restrictions and conditions enforced by the Chief Inspector of Mines or the Principal Inspector or the Chief Inspector: Occupational Health and Safety.
- v) A revision certificate replaces all previous version of the certificate.
- vi) * - Only covers equipment Imported between the "Issued" and "Expire" dates.
- vii) If and when your QAN (Quality Assurance Notification) Certificate for your equipment manufacturer expires during the valid period of the IA Certification (issued for your equipment) and a new certificate is not submitted the existing IA Certification will then be cancelled. It is thus the client's responsibility to always submit the updated and valid QAN certificate(s) to Explolabs (Pty) Ltd

Responsible Testing Officer:

K Malibe**Technical Specialist****EXPLOLABS EXPLOSION PREVENTION SERVICES**

This report/certificate shall not be reproduced except in full without the written approval of the company Explolabs (Pty) Ltd shall not be liable for any losses or damages sustained on account of any failure or omission to properly perform our duties in terms of any contract undertaken by us. This disclaimer is immutable and automatically incorporated in any contract undertaken by us; notwithstanding anything to the contrary, save for the express written waiver of our managing director. By marking the equipment in accordance with the documentation/standard, the manufacturer attests on his own responsibility that the equipment has been constructed in accordance with the applicable requirements of the relevant standards and that the routine verifications and tests have been successfully completed and that the product complies with the documentation and standard(s). The contents of electronic reports/certificates cannot be guaranteed. Original certification documents will be kept on file at Explolabs (Pty) Ltd