Reg No: 1999/027771/07	Government Approved Test Laboratory (Previouslv AIA)			
ACCREDITED AND APPROVED TEST LABORATORY IN TERMS OF ARP 0108: "REGULATORY REQUIREMENTS FOR EXPLOSION PROTECTED APPARATUS"				
BARTEC SAFETY (PTY) LTD PO BOX 58071 NEWVILLE 2114	IA CERTIFICATE Issued: 29 Jan 2 *Expire: 29 Jan 2 Page 1	015		
Equipment:Mobile ComputerManufacturer:BARTEC GmbHType:Series MC92N0ex 17-A1A3-****/*******Serial No:All items imported between Issued and Expire.				
Supplied by Bartec Safety (Pty) Ltd Identified by Inspection Authority number S-XPL/14.0115 X				
And as described in the Explolabs file number XPL/14946/14.0115 is hereby <u>certified "Explosion Protected</u> Ex q [ib] IIC T4 Gb or Ex q [ib] IIB T4 Gb", having been examined and inspected in accordance with the relevant requirements of South African Standards. SANS 60079-0: 2012 Ed 5 IEC 60079-0: 2011 Explosive atmospheres Part 0: Equipment — General requirements				
SANS 60079-5:2009 IEC 60079-5:2007	Explosive atmospheres Part 5: Equipment protection by powder fillir "q"	ng		
SANS 60079-11: 2012 Ed 4 IEC 60079-11: 2011 Ed 6	Explosive atmospheres Part 11: Equipment protection by intrinsic safety "i"			
LocationsZone (1), 1Gas: Surface Intermittent as could occur under normal operationFrequencyIntermittent as could occur under normal operationEnvironmentGroup IIB/IICPropane to Hydrogen/Ethylene plus AcetyleneLimiting Temp.T4135 ℃				
 Safety Act, provided that the apparatus is u i) SANS 10086 and IEC/SANS 612 ii) Any conditions mentioned in the iii) Any relevant requirements and c and Safety Act; and iv) Any restrictions and conditions Occupational Health and Safety. v) A revision certificate replaces all vi) * - Only covers equipment Impor vii) If and when your QAN (Quality A period of the IA Certification (issues) 	241-14 requirements as applicable; above report; codes of practice enforced in terms of the Mine Health and Safety Act or Occupationa enforced by the Chief Inspector of Mines or the Principal Inspector or the Chief Ins	ul Health spector: valid tion will		
and and and and and and and and	DOCUMENT NO: XPL0213 RELEASE DATE: 14/01/2014 REV OLARS GRANDLARS GRANDLARS GRANDLARS GRANDLARS GRANDLARS GRANDLARS GRANDLARS	:2		

BEPLOLARS (BEPLOLARS (BEPLOLARS (BEPLOLARS (BEPLOLARS (BEPLOLARS (BEPLOLARS (BEPLOLARS (BEPLOLARS ANNEX TO CERTIFICATE NO S-XPL/14.0115 X PAGE 2 OF 4 **4**1. **GENERAL** The mobile computers type series MC92N0ex 17-A1A3-****/******* are hand-held electrical apparatus. They are used for the mobile acquisition, processing and radio transmission of data inside the hazardous area. They are used in hazardous areas where the user of equipment group II, category 2G is required. If the screen protector type 17-A1Z0-0003 is used as an option, the mobile computer is to 😹 be used in gas group IIB. The relationship between the marking and the mobile computer is shown in the following table: SUNDIAR Mobile Computer Marking Mobile Computer type series MC92N0ex 8 17-A1A3-***0/********, 17-A1A3-***2/********, 17-A1A3-***4/********, 17-A1A3-***5/********, 17-A1A3-***6/****** Ex q [ib] IIC T4 Gb SUNOILE Mobile Computer type series MC92N0ex Ex q [ib] IIB T4 Gb 17-A1A3-***7/********, 17-A1A3-***8/******** Type key: Type no. 17 Digit-no. Α В C D F G 0 OLE Explanation of digits: ß Digit Digit for: Variations: Description А Product area 17 Electronic device В Device group A Data recording С Ex I and/or Ex II category 2/Div 1 Ex protection 1 D Type of device A MC92 series ATEX / IECEx Zone 1 Е certificate 3 F WAN 0 Without G G With handle ("Gun") design Κ Without handle ("Brick) Н Without Scanner 0 3 Blockbuster Image (SE4500-SR) 5 Blockbuster Image (SE4500-HD) 8 Blockbuster Image (SE4500-DL) A Standard Range Scan Engine (SE965) J Long Range Scan Engine (LORAX, SE1524) **NION** RFID 0 Without -2 LF ext. module 4 HF ext. module NOT NOT 5 UHF [US] ext. module 8 6 UHF [EU] ext. module 7 UHF [US] ext. module with ext. antenna **SUVIO** UHF [EU] ext. module with ext. antenna 8 J display S Color VGA Κ, Digits without effect **SIVIO** Ι, M. N. on explosions O, P, protection Q

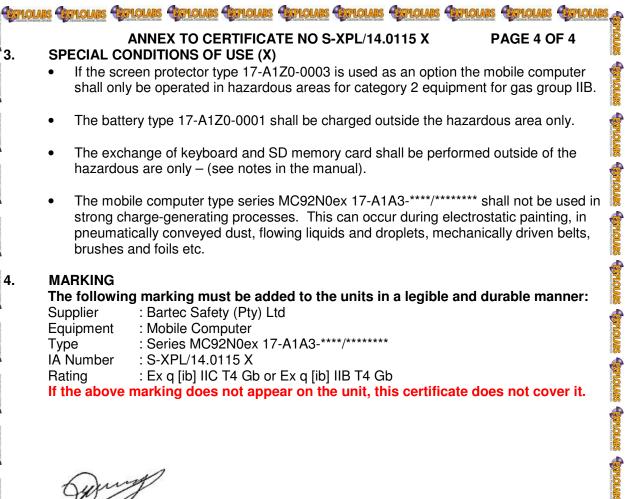
Based on the following documentation: PTB 13 ATEX 2019X

DOCUMENT No: XPLO213 RELEASE DATE: 14/01/2014

REV:2

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0		ERTIFICATE NO S-XPL/14.0115 X PAGE 3 OF 4	
Samoly Samoly Samoly	SAFETY PARAMETERS Supply	in type of protection Intrinsic Safety Ex ib IIC for mobile computer type series MC92N0ex 17-A1A3-***0/********, 17-A1A3-***2/********, 17-A1A3-***4/********, 17-A1A3-***5/********, 17-A1A3-***6/*******	
OLNIS STIOLINS S		in type of protection Intrinsic Safety Ex ib IIB for mobile computer type series MC92N0ex 17-A1A3-***7/********, 17-A1A3-***8/******** only from the appropriate battery type 17-A1Z0-0001 7.4V, 2200mAh or 2400mAh	
Association and as	Headset-connector	in type of protection Intrinsic Safety Ex ib IIC for mobile computer type series MC92N0ex 17-A1A3-***0/*********, 17-A1A3-***2/********, 17-A1A3-***4/********, 17-A1A3-***5/*******, 17-A1A3-***6/******	
APPIOURS APPIOUNS APPIOU		in type of protection Intrinsic Safety Ex ib IIB for mobile computer type series MC92N0ex 17-A1A3-***7/********, 17-A1A3-***8/******* $U_o = 8.6V$ $I_o = 354mA$ $P_o = 479mW$ $C_o = 930nF$ $L_o = 460\mu H$	
SPICIARS ASPICIARS	SD-memory cards	in type of protection Intrinsic Safety Ex ib IIC for mobile computer type series MC92N0ex, 17-A1A3-***0/********, 17-A1A3-***2/********, 17-A1A3-***4/********, 17-A1A3-***5/********, 17-A1A3-***6/*******	
AND ADDINATES SAV		in type of protection Intrinsic Safety Ex ib IIB for mobile computer type series MC92N0ex 17-A1A3-***7/********, 17-A1A3-***8/********	
s amon		The SD-memory card rack may be fitted with the following SD-memory cards:	
SPIOLAS SPIOLAS SPIOLAS		512MB Art.Nr. 17-28BE-F006/0001 1GB Art.Nr. 17-28BE-F006/0002 2GB Art.Nr. 17-28BE-F006/0003 4GB Art.Nr. 17-28BE-F006/0004 8GB Art.Nr. 17-28BE-F006/0005 16GB Art.Nr. 17-28BE-F006/0006 32GB Art.Nr. 17-28BE-F006/0007	
	WLAN / Bluetooth	radiated transmitter power 100mW	
ANN (BERIOLANS	HF-output power	Radiated transmitter power max. 2W	

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D Young **Testing Officer** EXPLOLABS EXPLOSION PREVENTION SERVICES

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