

[1] EC-TYPE EXAMINATION CERTIFICATE

[2] Equipment or Protected System Intended for use
in Potentially explosive atmospheres
Directive 94/9/EC

[3] EC-Type Examination Certificate Number: **Nemko 04ATEX1566**

[4] Equipment or Protective System: **PowerLoop driver**

[5] Applicant/Manufacturer: **Autronica Fire and Security**

[6] Address: **Haakon VII gt.4
7483 Trondheim
Norway**

[7] This equipment or protective system and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

[8] Nemko AS, notified body number 0470 in accordance with Article 9 of Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential report no. 34797

[9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
CENELEC EN 50014:1997 + A1:1999 + A2:1999, CENELEC EN 50018:2000, CENELEC EN 50019:2000,

[10] If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.

[11] This EC-TYPE EXAMINATION CERTIFICATE relates only to the design, examination and tests of the specified equipment or protective system in accordance to the directive 94/9/EC.
Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.

[12] The marking of the equipment or protective system shall include the following :



II 2 G

EEx de IIC T5, Tamb=70°C

Oslo, 2004-12-23



Rolf Hoel
Certification Department

This certificate may only be reproduced in its entirety and without any change, schedule included.

[13] Schedule**[14] EC-TYPE EXAMINATION CERTIFICATE No Nemko 04ATEX1566****[15] Description of Equipment**

This Certificate covers a Power Loop Driver unit consisting of "de" enclosures with arrangement as described in the descriptive documents.

Type Designation

BSD-340/EX

Technical Data

24VDC, 5A

[16] Nemko Report No.: 34797**Descriptive Documents**

Name/Title	Drawing No.	Rev.	Date	Sheets
Label for 340/EX	E-2688		2004-12-22	1
BSD-340/3 Sammenstilling	BS-1261		2004-12-07	1
General arrangement drawing	400444-01-1	C	2004-10-01	1
Partlist	400444-02-01	B	2004-10-01	1
Wiring Diagram	400444-03-01	C	2004-11-01	1
Arrangement tegning	400444-07-01	B	2004-09-16	1
BSD-340/EX	BS-1260		2004-12-03	1

[17] Special Conditions for Safe Use

None.

[18] Essential Health and Safety Requirements

See item 9

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SUPPLEMENT 1 TO EC-TYPE EXAMINATION CERTIFICATE**[14] EC-TYPE EXAMINATION CERTIFICATE No Nemko 04ATEX1566****[15] Description of Equipment or Protective System**

This Supplement 1 is issued in order to confirm compliance with the equivalent standards:
IEC 60079-0:1999, IEC 60079-1:2001 and IEC 60079-7:2001

[16] Report No. 113189.**[17] Special Conditions for Safe Use**
None**[18] Essential Health and Safety Requirements**
See item 9**Oslo, 2008-09-15****p.p. Rolf Hoel**
Certification Department

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