



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: **IECEX NEM 08.0002** issue No.:2

Status: **Current**

Date of Issue: **2010-01-20** Page 1 of 4

Certificate history:
Issue No. 2 (2010-1-20)
Issue No. 1 (2009-12-11)
Issue No. 0 (2008-4-23)

Applicant: **Sundström Safety AB**
P.O.Box 76
Västergatan 2, Lagan
Sweden

Electrical Apparatus: **SR 500 EX-System, battery-powered fan unit**
Optional accessory:

Type of Protection: **Intrinsic safety**

Marking: **Ex ib IIB/IIA T3**
Ex ibD 21 T195°C

Approved for issue on behalf of the IECEx
Certification Body:

Rolf Hoel

Position:

Certification Manager

Signature:
(for printed version)

Date:

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the [Official IECEx Website](http://www.iecex.com).

Certificate issued by:

NEMKO
Gaustadalleen 30
Oslo N-0314
Norway





ANNEX to IECEx Certificate of Conformity

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List of main units including accessory parts covered by this certificate

Fan unit (EX)	SR 500 EX
Belt (Cotton EX)	SR 508 EX
Belt (Leather EX)	SR 504 EX
Belt (Rubber EX)	SR 503 EX
Battery EX	SR 501 EX
Battery charger EX	SR 513 EXFor use in non classified locations
Pre-filter holder EX	SR 512 EX
Steel net disc	SR 336
Pre-filter	SR 221
Particle filter P3 R	SR 510
Gas filter A2	SR 518
Gas filter ABE1	SR 515
Gas filter A1BE2K1	SR 597
Particle filter adapter	SR 511
Hood	SR 520 S/M
Hood	SR 520 M/L
Hood	SR 530
Gas filter A1BE2K1-Hg-P3 R	SR 599
Face shield	SR 540 EX.....For gas group IIA
Hood	SR 561
Alternative visor	SR 545
Full face mask glass visor	SR 200
Full-face mask PC-visor	SR 200 For gas group IIA
Breathing hose PU	SR 550
Breathing hose rubber	SR 551
Laminated glass visor	SR 365
Hood	SR 562
Spectacle frame	SR 341
Head harness (Rubber)	SR 340
Name label	SR 368
Protective hood	SR 64
Chemical hood	SR 345
Pre-filter holder	SR 5153
Particle filter P3 R	SR 710
Helmet with visor	SR 580.....For gas group IIA



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

Issue 1.

Addition of helmet with visor SR 580 and minor mechanical changes and document specifications.

Issue 2.

Editorial.



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Manufacturer: **Sundström Safety AB**
P.O.Box 76
Västergatan 2, Lagan
Sweden
Sweden

Manufacturing location(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

STANDARDS:

The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

IEC 60079-0 : 2004 Edition: 4.0	Electrical apparatus for explosive gas atmospheres - Part 0: General requirements
IEC 60079-11 : 2006 Edition: 5	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
IEC 61241-0 : 2004 Edition: 1	Electrical apparatus for use in the presence of combustible dust - Part 0: General requirements
IEC 61241-11 : 2005 Edition: 1	Electrical apparatus for use in the presence of combustible dusts - Part 11: Protection by intrinsic safety 'iD'

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in

Test Report:

[NO/NEM/ExTR08.0003/00](#)
[NO/NEM/ExTR08.0003/01](#)

Quality Assessment Report:
[NO/NEM/QAR07.0005/00](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

Battery powered portable fan **SR 500 EX** with battery pack **SR 501 EX** and the battery charger **SR 513 EX (for use in non-classified locations)**.

The fan unit comes with a range of accessories such as belt for attachment to the body, filters, protective covers, hoses, hoods, face shield and masks. The accessory parts are listed in the attached Annex to this Certificate.

CONDITIONS OF CERTIFICATION: NO

Empty box for conditions of certification.