

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

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

Certificate No.:

IECEx UL 17.0036X

Issue No: 0

Certificate history:

Status:

Current

Issue No. 0 (2017-09-08)

Date of Issue:

2017-09-08

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Fireaway Inc.

Applicant:

5852 Baker Road Minnetonka, MN 55345 United States of America

Equipment:

Aerosol-generating extinguishing system - Stat-X Series*

Optional accessory:

Type of Protection:

Non-Sparking "nA"

Marking:

Ex nA IIC T6 Gc

-40°C ≤ Tamb ≤ +54°C

Approved for issue on behalf of the IECEx

Certification Body:

Andrew Moffat

Position:

Signature:

(for printed version)

Date:

Associate Project Engineer

2017-09-08

- 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.

Certificate issued by:

UL LLC

333 Pfingsten Road Northbrook IL 60062-2096 United States of America





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Manufacturer:

Fireaway Inc. 5852 Baker Road Minnetonka, MN 55345 United States of America

Additional 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 60079-0:2011

Explosive atmospheres - Part 0: General requirements

Edition:6.0

IEC 60079-15: 2010

Explosive atmospheres - Part 15: Equipment protection by type of protection "n"

Edition:4

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:

US/UL/ExTR17.0039/00

Quality Assessment Report:

US/UL/QAR17.0011/00



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

Stat-X Series Aerosol-generating Extinguishing System Units, Models 30E, 60E, 60E long, 100E, 250E, 500E, 1000E, 1500E, and 2500E.

The Stat-X aerosol generator consists of a cylindrical housing with the extinguishing media at one end. There is a plate with orifice openings at the opposite end. The center of the housing is filled with layers of wire mesh and cooling beads. The electrical portion of the device consists of an "electric match" igniter and two wires. The wires exit the housing through a seal within a threaded metal hub for connection to the control panel via conduit. The "electric match" remains unpowered until such time as the control panel provides power (12 volts, 1 amp) to initiate the release of the aerosol extinguishing agent after a fire is detected. The protection method employed on the enclosure is Nonsparking "nA".

SPECIFIC CONDITIONS OF USE: YES as shown below:

Device is inert until activation is necessary under fault condition involving need to extinguish fire.



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Additional information:

Annex:

Annex to IECEx UL 17.0036X Issue 0.pdf



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PARAMETERS RELATING TO THE SAFETY

12V, 0.5A parallel / 1A series initiation current

MARKING





5852 Baker Road , Minnetonka, MN 55345 Phone: 952.935.9745 , www.stabc.com

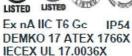












1, Caution! Hot Discharge. Do not stand in front of unit during installation!

Make sure power is off before making electrical connections!

3. WARNING: Discharge of agent can result in a potential hazard to personnel from the natural form of the agent. Avoid unneccessary exposure. Do not cover, remove, or deface this label.

Read and understand the Owner's Manual for this system PN 19018.

Install according to manufacturer's instructions only. See Design. Installation, Operation, and Maintenance Manual PN 19017, for instructions.

Inspect monthly, or at more frequent intervals as required, in accordance with manufacturer's instructions and NFPA 2010 Standard for Fixed Aerosol Fire Extinguishing Systems. Replace if seal is broken or if unit shows signs of damage.

Operating and Storage Range: -40°F (-40°C) ≤ Tamb ≤ +130°F (+54°C).

1. Caution! Hot Discharge. Do not stand in front of unit during installation! 2. Make sure power is off before making electrical connections!

4. Read and understand the Owner's Manual for this system PN 19018.

5. Install according to manufacturer's instructions only. See Design,

3. WARNING: Discharge of agent can result in a potential hazard to personnel from the natural form of the agent. Avoid unneccessary exposure. Do not

Installation, Operation, and Maintenance Manual PN 19017, for instructions.

6. Inspect monthly, or at more frequent intervals as required, in accordance with manufacturer's instructions and NFPA 2010 Standard for Fixed

8. The unit is not re-chargeable. After use contact your local distributor for replacement.

9. Dispose properly according to local regulations.

11 3 G EDS Available at: www.staty.com

Date of manufacture is on the cylinder See Owner's Manual for date coding

Replace 10 years from the coded date below 1 2 3 4 5 6



Fireaway Aerosol Generating
Extinguishing System Unit 31TP

Manufactured in the USA under license from R-Amtech International, Inc. HMIS: Stat-X agent 0-0-0. Hot discharge.

Fire Suppression **Aerosol Generator**

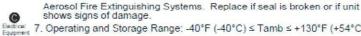
Charge Weight: 60 grams













8. The unit is not re-chargeable. After use contact your local distributor for replacement.

9. Dispose properly according to local regulations.



*Fireaway Aerosol Generating Extinguishing System Unit 31TP LISTED

5882 Baker Road , Minnetonka, MN 55345 Phone: 982 938.9745 , waw, stabt.com Manufactured in the USA under license from R-Amtech international, inc. HMIS: Stat-X agent 0-0-0. Hot discharge.



Ex nA IIC T6 Gc

IECEX UL 17.0036X

DEMKO 17 ATEX 1766X

cover, remove, or deface this label.

SDS Available at: www.statx.com Date of manufacture is on the cylinder. See Owner's Manual for date coding. Replace 10 years from the coded date below OPQR 1 2 3 4 5 6 7 8 9 101112



Caution! Hot Discharge. Do not stand in front of unit during installation! Make sure power is off before making electrical connections!

 Read and understand the Owner's Manual for this system PN 19018. 5. Install according to manufacturer's instructions only. See Design,

WARNING: Discharge of agent can result in a potential hazard to personnel from the natural form of the agent. Avoid unneccessary exposure. Do not

Installation, Operation, and Maintenance Manual PN 19017, for instructions. 6. Inspect monthly, or at more frequent intervals as required, in accordance

with manufacturer's instructions and NFPA 2010 Standard for Fixed Aerosol Fire Extinguishing Systems. Replace if seal is broken or if unit shows signs

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5852 Baker Road , Minnetonka, MN 55345



Fireaway Aerosol Generating Extinguishing System Unit 31TP

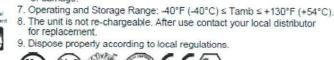
Phone: 952 935 9745. WAW statk.com Manufactured in the USA under license from R-Amtech international, Inc. HMIS: Stat-X agent 0-0-0. Hot discharge.











LISTED



of damage.

cover, remove, or deface this label





Ex nA IIC T6 Gc **IP54 DEMKO 17 ATEX 1766X IECEX UL 17.0036X**

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Fireaway Aerosol Generating Extinguishing System Unit 31TP

5852 Baker Road , Minnetonka, MN 55345 Phone: 952 935 9745 , www.stabr.com Manufactured in the USA under license from R-Amtech International, Inc. HMIS: Stat-X agent 0-0-0. Hot discharge

Caution! Hot Discharge. Do not stand in front of unit during installation!

Make sure power is off before making electrical connections!

3. WARNING: Discharge of agent can result in a potential hazard to personnel from the natural form of the agent. Avoid unneccessary exposure. Do not cover, remove, or deface this label.

Read and understand the Owner's Manual for this system PN 19018.

5. Install according to manufacturer's instructions only. See Design,

Installation, Operation, and Maintenance Manual PN 19017, for instructions.

6. Inspect monthly, or at more frequent intervals as required, in accordance with manufacturer's instructions and NFPA 2010 Standard for Fixed Aerosol Fire Extinguishing Systems. Replace if seal is broken or if unit shows signs of damage.

Operating and Storage Range: -40°F (-40°C) ≤ Tamb ≤ +130°F (+54°C).

8. The unit is not re-chargeable. After use contact your local distributor for replacement.

9. Dispose properly according to local regulations.





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FIFEAWAY Aerosol Generating Extinguishing System Unit 31TP

5852 Baker Road . Minnetonka, MN 55345 Phone: 952.935.9745. WWW.statx.com Manufactured in the USA under license from R-Amtech international, Inc. HMIS: Stat-X agent 0-0-0. Hot discharge.

- Caution! Hot Discharge. Do not stand in front of unit during installation!
- Make sure power is off before making electrical connections:
 WARNING: Discharge of agent can result in a potential hazard to personnel from the natural form of the agent. Avoid unneccessary exposure. Do not cover, remove, or deface this label.
- 4. Read and understand the Owner's Manual for this system PN 19018.
- 5. Install according to manufacturer's instructions only. See Design, Installation, Operation, and Maintenance Manual PN 19017, for instructions.
- 6. Inspect monthly, or at more frequent intervals as required, in accordance with manufacturer's instructions and NFPA 2010 Standard for Fixed Aerosol Fire Extinguishing Systems. Replace if seal is broken or if unit shows signs
- Operating and Storage Range: -40°F (-40°C) ≤ Tamb ≤ +130°F (+54°C).
- 8. The unit is not re-chargeable. After use contact your local distributor for replacement.
- 9. Dispose properly according to local regulations.



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For Class



























Fireaway Aerosol Generating Extinguishing System Unit 31TP

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- Caution! Hot Discharge. Do not stand in front of unit during installation!
- Make sure power is off before making electrical connections!
 WARNING: Discharge of agent can result in a potential hazard to personnel from the natural form of the agent. Avoid unneccessary exposure. Do not cover, remove, or deface this label.
- 4. Read and understand the Owner's Manual for this system PN 19018.
- 5. Install according to manufacturer's instructions only. See Design, Installation, Operation, and Maintenance Manual PN 19017, for instructions.
- 6. Inspect monthly, or at more frequent intervals as required, in accordance with manufacturer's instructions and NFPA 2010 Standard for Fixed Aerosol Fire Extinguishing Systems. Replace if seal is broken or if unit shows signs
- Operating and Storage Range: 40°F (40°C) ≤ Tamb ≤ +130°F (+54°C).
- 8. The unit is not re-chargeable. After use contact your local distributor for replacement
- 9. Dispose properly according to local regulations.



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5852 Balker Road , Minnetonka, MN 55345 Phone: 952 935.9745 , www.stabr.com Manufactured in the USA under license from R-Amtech International, Inc. HMIS: Stat-X agent 0-0-0. Hot discharge.

- Caution! Hot Discharge. Do not stand in front of unit during installation!
 Make sure power is off before making electrical connections!
 WARNING: Discharge of agent can result in a potential hazard to personnel. from the natural form of the agent. Avoid unneccessary exposure. Do not cover, remove, or deface this label.
- Read and understand the Owner's Manual for this system PN 19018.
- Install according to manufacturer's instructions only. See Design, Installation, Operation, and Maintenance Manual PN 19017, for instructions.
- 6. Inspect monthly, or at more frequent intervals as required, in accordance with manufacturer's instructions and NFPA 2010 Standard for Fixed Aerosol Fire Extinguishing Systems. Replace if seal is broken or if unit shows signs
- 7. Operating and Storage Range: -40°F (-40°C) ≤ Tamb ≤ +130°F (+54°C). 8. The unit is not re-chargeable. After use contact your local distributor for replacement.
- 9. Dispose properly according to local regulations.







Caution! Hot Discharge. Do not stand in front of unit during installation! Make sure power is off before making electrical connections!WARNING: Discharge of agent can result in a potential hazard to personnel from the natural form of the agent. Avoid unneccessary exposure. Do not

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2500 E

Fire Suppression Aerosol Generator

Patented Charge Weight: 2500 grams

A B MC













Read and understand the Owner's Manual for this system PN 19018. 5. Install according to manufacturer's instructions only. See Design,

Installation, Operation, and Maintenance Manual PN 19017, for instructions. 6. Inspect monthly, or at more frequent intervals as required, in accordance

Fire Extinguishing Systems. Replace if seal is broken or if unit shows signs

with manufacturer's instructions and NFPA 2010 Standard for Fixed Aerosol

8. The unit is not re-chargeable. After use contact your local distributor

9. Dispose properly according to local regulations.



FIREGRAY Aerosol Generating Extinguishing System Unit 31TP

5852 Baker Road - Minnetonka, MN 55345
Phone: 852,835,9745 - www.statx.com
Manufactured in the USA under license from R-Amtech international, Inc.
HMIS: Star-X agent 0-0-0. Hot discharge.



DEMKO 17 ATEX 1766X **IECEX UL 17.0036X**

Ex nA IIC T6 Gc



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IP54





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