



# 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](http://www.iecex.com)

Certificate No.: IECEx UL 17.0036X

Issue No: 0

Certificate history:

Issue No. 0 (2017-09-08)

Status: **Current**

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Date of Issue: **2017-09-08**

Applicant: **Fireaway Inc.**  
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:

Associate Project Engineer

Signature:  
(for printed version)

Date:

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](http://www.iecex.com).

Certificate issued by:

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





# IECEx Certificate of Conformity

Certificate No: IECEx UL 17.0036X

Date of Issue: 2017-09-08

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

Issue No: 0

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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 Edition:6.0	Explosive atmospheres - Part 0: General requirements
IEC 60079-15 : 2010 Edition:4	Explosive atmospheres - Part 15: Equipment protection by type of protection "n"

*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

# Stat-X®

## 30 E

### Fire Suppression Aerosol Generator

Patented  
Charge Weight: 30 grams

For Class:



**Fireaway** 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.  
HMS: Stat-X agent 0-0-0. Hot discharge.

1. Caution! Hot Discharge. Do not stand in front of unit during installation!
2. 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 unnecessary 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 of damage.
7. Operating and Storage Range:  $-40^{\circ}\text{F}$  ( $-40^{\circ}\text{C}$ )  $\leq$   $T_{\text{amb}} \leq +130^{\circ}\text{F}$  ( $+54^{\circ}\text{C}$ ).
8. The unit is not re-chargeable. After use contact your local distributor for replacement.
9. Dispose properly according to local regulations.



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

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 10 11 12

# Stat-X®

## 60 E

### Fire Suppression Aerosol Generator

Patented  
Charge Weight: 60 grams

For Class:



**Fireaway** 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.  
HMS: Stat-X agent 0-0-0. Hot discharge.

1. Caution! Hot Discharge. Do not stand in front of unit during installation!
2. 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 unnecessary 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 of damage.
7. Operating and Storage Range:  $-40^{\circ}\text{F}$  ( $-40^{\circ}\text{C}$ )  $\leq$   $T_{\text{amb}} \leq +130^{\circ}\text{F}$  ( $+54^{\circ}\text{C}$ ).
8. The unit is not re-chargeable. After use contact your local distributor for replacement.
9. Dispose properly according to local regulations.



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

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 10 11 12





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## Stat-X®

### 100 E Fire Suppression Aerosol Generator

Patented  
Charge Weight: 100 grams

For Class:



**Fireaway**

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.

1. Caution! Hot Discharge. Do not stand in front of unit during installation!
2. 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 unnecessary 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 of damage.
7. Operating and Storage Range:  $-40^{\circ}\text{F}$  ( $-40^{\circ}\text{C}$ )  $\leq$   $T_{amb} \leq +130^{\circ}\text{F}$  ( $+54^{\circ}\text{C}$ ).
8. The unit is not re-chargeable. After use contact your local distributor for replacement.
9. Dispose properly according to local regulations.



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

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:

0	P	Q	R	1	2	3	4	5	6	7	8	9	10	11	12
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## Stat-X®

### 250 E Fire Suppression Aerosol Generator

Patented  
Charge Weight: 250 grams

For Class:



**Fireaway**

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.

1. Caution! Hot Discharge. Do not stand in front of unit during installation!
2. 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 unnecessary 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 of damage.
7. Operating and Storage Range:  $-40^{\circ}\text{F}$  ( $-40^{\circ}\text{C}$ )  $\leq$   $T_{amb} \leq +130^{\circ}\text{F}$  ( $+54^{\circ}\text{C}$ ).
8. The unit is not re-chargeable. After use contact your local distributor for replacement.
9. Dispose properly according to local regulations.



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

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:

0	P	Q	R	1	2	3	4	5	6	7	8	9	10	11	12
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**500 E Fire Suppression Aerosol Generator**  
Patented  
Charge Weight: 500 grams

For Class:

					
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**Fireaway** 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.  
HMI: Stat-X agent 0-0-0. Hot discharge.

1. Caution! Hot Discharge. Do not stand in front of unit during installation!
2. 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 unnecessary 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 of damage.
7. Operating and Storage Range:  $-40^{\circ}\text{F}$  ( $-40^{\circ}\text{C}$ )  $\leq$   $T_{\text{amb}} \leq +130^{\circ}\text{F}$  ( $+54^{\circ}\text{C}$ ).
8. The unit is not re-chargeable. After use contact your local distributor for replacement.
9. Dispose properly according to local regulations.








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

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:

0	P	Q	R	1	2	3	4	5	6	7	8	9	10	11	12
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**1000 E Fire Suppression Aerosol Generator**  
Patented  
Charge Weight: 1000 grams

For Class:

					
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**Fireaway** 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.  
HMI: Stat-X agent 0-0-0. Hot discharge.

1. Caution! Hot Discharge. Do not stand in front of unit during installation!
2. 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 unnecessary 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 of damage.
7. Operating and Storage Range:  $-40^{\circ}\text{F}$  ( $-40^{\circ}\text{C}$ )  $\leq$   $T_{\text{amb}} \leq +130^{\circ}\text{F}$  ( $+54^{\circ}\text{C}$ ).
8. The unit is not re-chargeable. After use contact your local distributor for replacement.
9. Dispose properly according to local regulations.



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

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:

0	P	Q	R	1	2	3	4	5	6	7	8	9	10	11	12
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## Stat-X®

### 1500 E Fire Suppression Aerosol Generator

Patented  
Charge Weight: 1500 grams

For Class:



**Fireaway** 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.

1. Caution! Hot Discharge. Do not stand in front of unit during installation!
2. 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 unnecessary 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 of damage.
7. Operating and Storage Range:  $-40^{\circ}\text{F}$  ( $-40^{\circ}\text{C}$ )  $\leq$   $T_{\text{amb}} \leq +130^{\circ}\text{F}$  ( $+54^{\circ}\text{C}$ ).
8. The unit is not re-chargeable. After use contact your local distributor for replacement.
9. Dispose properly according to local regulations.



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

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:

0 P Q R 1 2 3 4 5 6 7 8 9 10 11 12

## Stat-X®

### 2500 E Fire Suppression Aerosol Generator

Patented  
Charge Weight: 2500 grams

For Class:



**Fireaway** 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.

1. Caution! Hot Discharge. Do not stand in front of unit during installation!
2. 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 unnecessary 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 of damage.
7. Operating and Storage Range:  $-40^{\circ}\text{F}$  ( $-40^{\circ}\text{C}$ )  $\leq$   $T_{\text{amb}} \leq +130^{\circ}\text{F}$  ( $+54^{\circ}\text{C}$ ).
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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DEMKO 17 ATEX 1766X  
IECEx UL 17.0036X

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:

0 P Q R 1 2 3 4 5 6 7 8 9 10 11 12