



Communication concerning approval granted of a type of a component with regard to Regulation No. 107

Approval No:

06004

Section I

1. Make:

(trade name of manufacturer)

Firetrace International LLC

2. Type: Firetrace International ILP Automatic Fire Suppression

System

3. Means of identification of type, if

marked on the component:

Type name

Location of that marking: 3.1.

Label on unit

4. Name and address of manufacturer: Firetrace International

8435 N. 90th St.

Suite 2 Scottsdale AZ 85258 **USA**

5. If applicable, name and address of manufacturer's representative:

Firetrace International Ltd Unit 11

IO Centre Salbrook Road

Salfords

Surrey RH1 5DY United Kingdom

6. Location and method of affixing of

the type Approval mark:

See item 3

Section II

1. Additional information (where applicable:

See addendum

2 Technical service responsible for carrying out the tests:

SP Technical Research Institute of Sweden

Box 857

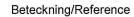
SE-501 15 BORÅS

3 Date of test report: 2017-03-27

Number of test report: 4.

7P01392

5. Remarks (if any): See addendum





TSV 2017-677

6. Place: Borlänge

7. Date: 2017-04-10

8. Signature:



Swedish Transport Agency

Lars Rask

- 9. The index to the information package lodged with the type approval authority, which may be obtained on request, is attached.
 - Information document one page
 - Test report 7P01392 dated 2017-03-27 139 pages

Addendum to type approval certificate No:06004 concerning the type approval of a fire suppression system as a component with regard to Regulation No. 107

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1.	Additional	information
1.	raditional	mitormation

1.1. Extinguishing agent (make and type): ABC Dry Chemical Powder

1.2. Mass of extinguishing agent (required for a 4 m³ engine compartment):

4,54 kg system (short hoses), 9,07 kg system (long hoses) and 9,98 kg system (horizontal cylinder)

1.3. Type of discharge point(s) (e.g. type of nozzles):3

Cross pattern nozzle, total flood nozzles and a small nozzle (see DIOM manual for details)

1.4. Number of discharge point(s) (required for a 4 m3 engine compartment):³

4 nozzles in total

1.5. Length of discharge tube (required for a Maximum length of 12,80 m (42') for a 4,54 4 m3 engine compartment),3 if applicable:

kg (10lb) system, maximum length of 17,68 m (58') for a 9.07 or 9.98 kg (20/22lb) system

Type of propellant gas,³ if applicable: 1.6.

Nitrogen

1.7. Pressure of propellant gas (needed in a 4 m³ engine compartment), in the case of systems under pressure:



Beteckning/Reference

TSV 2017-677

Swedish Transport Agency

1.8. Minimum operating temperature: -40°C (-40°F)

1.9. Dimensions of pipes and fittings, if 12,7 mm (½") applicable:

1 Distinguishing number of the country which has granted/extended/refused or withdrawn approval (see approval provision in the Regulation).

2 Delete where not applicable.

3 Delete where not applicable (there are cases where nothing needs to be deleted when more than one entry is applicable)."





Communication concerning approval granted of a type of a component with regard to Regulation No. 107

Approval No:

06010

Section I

1. Make:

Firetrace International LLC

(trade name of manufacturer)

2. Type:

Firetrace International Dual Action Fire Supression

System

3. Means of identification of type, if

marked on the component:

Type name

3.1. Location of that marking:

Label on unit

4. Name and address of manufacturer:

Firetrace International

8435 N. 90th St.

Suite 2 Scottsdale AZ 85258 USA

5. If applicable, name and address of manufacturer's representative:

Firetrace International Ltd Unit 11

IO Centre Salbrook Road

Salfords

Surrey RH1 5DY United Kingdom

6. Location and method of affixing of the type Approval mark:

See item 3

Section II

1. Additional information (where applicable:

See addendum

2 Technical service responsible for carrying out the tests:

RISE Research Institutes of Sweden AB

Box 857

SE-501 15 BORÅS

3 Date of test report:

2018-01-23

4. Number of test report:

7P07144

5. Remarks (if any):

See addendum



TSV 2018-1248

6. Place: Borlänge

7. Date: 2018-04-04

8. Signature:



Swedish Transport Agency

Lars Rask

- 9. The index to the information package lodged with the type approval authority, which may be obtained on request, is attached.
 - Information document Dual action, one page
 - Test report 7P07144 dated 2018-01-23 32 pages

Addendum to type approval certificate No:06010 concerning the type approval of a fire suppression system as a component with regard to Regulation No. 107

- 1. Additional information
- 1.1. Extinguishing agent (make and type):

ABC Dry Chemical Powder (95% Monno

Ammonium Phoshpate)

1.2. Mass of extinguishing agent (required

for a 4 m³ engine compartment):

9,08 kg (20 lb)

1.3. Type of discharge point(s) (e.g. type of

nozzles):3

Cross Pattern Nozzles (qty. 2), Total Flood Nozzles, Direct Application Via a Burst Hole

in the Linear Pneumatic Fire Detection

Tubing

1.4. Number of discharge point(s) (required 5

for a 4 m3 engine compartment):³

Length of discharge tube (required for a Maximum of 17,63 m (58 ft)

4 m3 engine compartment),3 if

applicable:

1.6. Type of propellant gas,³ if applicable: Dry Nitrogen

1.5.



Beteckning/Reference

TSV 2018-1248

Swedish Transport Agency

1.7. Pressure of propellant gas (needed in a 2 4 m³ engine compartment),³ in the case

25 bars (360 PSIG)

of systems under pressure:

1.8. Minimum operating temperature:

Objective= -46°C (-50°F),

Threshold= -51°C (-60°F)

1.9. Dimensions of pipes and fittings, if

1/2" Discharge Hoses, and ½" NPT Fittings, -

applicable:

8 JIC (37° Flare Fittings)

¹ Distinguishing number of the country which has granted/extended/refused or withdrawn approval (see approval provision in the Regulation).

² Delete where not applicable.

³ Delete where not applicable (there are cases where nothing needs to be deleted when more than one entry is applicable)."