



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
- 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: SP Technical Research Institute of Sweden
Box 857
SE-501 15 BORÅS
3. Date of test report: 2017-03-27
4. Number of test report: 7P01392
5. Remarks (if any): See addendum

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

1. Additional information
 - 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 4 m³ engine compartment),³ if applicable: Maximum length of 12,80 m (42') for a 4,54 kg (10lb) system, maximum length of 17,68 m (58') for a 9.07 or 9.98 kg (20/22lb) system
 - 1.6. Type of propellant gas,³ if applicable: Nitrogen
 - 1.7. Pressure of propellant gas (needed in a 4 m³ engine compartment),³ in the case of systems under pressure: 25 bars

- 1.8. Minimum operating temperature: -40°C (-40°F)
- 1.9. Dimensions of pipes and fittings, if applicable: 12,7 mm (½")

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:
(trade name of manufacturer) Firetrace International LLC
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

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 Phosphate)
- 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 for a 4 m³ engine compartment):³ 5
- 1.5. Length of discharge tube (required for a 4 m³ engine compartment),³ if applicable: Maximum of 17,63 m (58 ft)
- 1.6. Type of propellant gas,³ if applicable: Dry Nitrogen

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|------|---|--|
| 1.7. | Pressure of propellant gas (needed in a 4 m ³ engine compartment), ³ in the case of systems under pressure: | 25 bars (360 PSIG) |
| 1.8. | Minimum operating temperature: | Objective= -46°C (-50° F),
Threshold= -51°C (-60°F) |
| 1.9. | Dimensions of pipes and fittings, if applicable: | 1/2" Discharge Hoses, and 1/2" NPT Fittings, -
8 JIC (37° Flare Fittings) |

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