



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

Approval No: 06011

### Section I

1. Make: Firetrace Limited  
(trade name of manufacturer)
2. Type: FS6ILPINTBIHT 6kg Dry Chemical Automatic Bi-directional Fire Suppression Unit
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 Ltd  
Unit 22  
Knightsdale Road  
Ipswich  
Suffolk IP1 4JJ  
GREAT BRITAIN
5. If applicable, name and address of manufacturer's representative:
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: 2017-05-12
4. Number of test report: 7P00284
5. Remarks (if any): See addendum
6. Place: Borlänge
7. Date: 2018-05-31

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: Informationsdokument, one page
- Test report 7P07284 dated 2017-05-12, 28 pages

**Addendum** to type approval certificate No:06011  
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 FAVORIT X 90 Dry Chemical.  
Further information see appendix 3 in test report.
  - 1.2. Mass of extinguishing agent (required for a 4 m<sup>3</sup> engine compartment): 6 kg
  - 1.3. Type of discharge point(s) (e.g. type of nozzles):<sup>3</sup>  
Number of discharge points 4  
Type of discharge points 3 nozzles and 1 discharge tube  
Number of nozzles 3  
Type of nozzles High-Throughput Diffuser 3/8" BSP (FT0284/HT)
  - 1.4. Number of discharge point(s) (required for a 4 m<sup>3</sup> engine compartment):<sup>3</sup> 4
  - 1.5. Length of discharge tube (required for a 4 m<sup>3</sup> engine compartment),<sup>3</sup> if applicable: 7 meter
  - 1.6. Type of propellant gas,<sup>3</sup> if applicable: Nitrogen

- |      |   |  |
|------|---|--|
| 1.7. | Pressure of propellant gas (needed in a 4 m <sup>3</sup> engine compartment), <sup>3</sup> in the case of systems under pressure: | 12 bar   |
| 1.8. | Minimum operating temperature:  | -20 °C   |
| 1.9. | Dimensions of pipes and fittings, if applicable:  | delivery hose 3/8", Male-Tube/Trace 8mm<br>Trace 1/8" Male – 8mm Special |

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)."