



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

Approval No: E5*107R06/05*0005*01 rev 1

Reasons for extension:

- 1) Changing name on existing extinguishing agent from DryPowder ABC 94. Kidron to Dry Powder ORCHIDEE ABC 94.
- 2) Adding an extinguishing agent, Dry Powder AYEX ABC 94

Section I

1. Make: (trade name of manufacturer) Lehavot Production and Protection (1995) Ltd

2. Type: BUSShield Fire Suppression System

3. Means of identification of type, if marked on the component: Product name and manufacturers name

3.1. Location of that marking: On the agent cylinder

4. Name and address of manufacturer: Lehavot Production and Protection (1995) Ltd
Kibbutz Lehavot Habashan, Uper Galilee
1212500
Israel

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: 2021-02-22

4. Number of test report: P108442

5. Remarks (if any): See addendum



6. Place: Borlänge
7. Date: 2021-03-02
8. Signature:



Anders Mattsson-Tholén
Type Approval Certification Officer

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

Addendum to type approval certificate No: E5*107R06/05*0005*01 rev 1 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): Dry Powder ORCHIDEE ABC 94 or Dry Powder AYEX ABC 94
 - 1.2. Mass of extinguishing agent (required for a 4 m³ engine compartment): 8 kg
 - 1.3. Type of discharge point(s) (e.g. type of nozzles):³ PTZ-60 + 3grooves
 - 1.4. Number of discharge point(s) (required for a 4 m³ engine compartment):³ 6 PTZ-60 nozzle, and 1 "3 grooves" (inside obstruction 4, nozzle No. 7)
 - 1.5. Length of discharge tube (required for a 4 m³ engine compartment),³ if applicable: 7 m from cylinder to farthest nozzle
 - 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: 30 Bar
 - 1.8. Minimum operating temperature: -40°C
 - 1.9. Dimensions of pipes and fittings, if applicable: 15 mm and 12 mm
- 2.0 Detailed description, layout drawings and installation manual of the fire suppression system and its components: BUS Fire Suppression System (Manual # 71-170) is included