**Verification report portable fire extinguishers & PbEG L 181**

| **No.** | **About** | **A** | **R** | **Remark** | **Result** |
| --- | --- | --- | --- | --- | --- |
| 1 | Scope EN3-7+A1 | - | - |  |  |
| 2 | Normative references | - | - |  |  |
| 3 | Terms and definitions | - | - |  |  |
| 4.1 | Description of a portable fire extinguisher | AA | RR | TypeComp | C/N |
| 4.2 | Control of discharge | A | R |  | C/N |
| 4.3 | Operating position | A | R |  | C/N |
| 4.4 | Hose assembly | A | R |  | C/N |
| 4.5 | Propellants  | A | R |  | C/N |
| 4.6 | Stored pressure extinguishers  | A | R |  | C/N |
| 5 | Testing of portable fire extinguishers | A | R |  | C/N |
| 6 | Nominal charges, filling tolerances and minimum fire performance 1 Nominal charges *(2)*2 Filling tolerances 3 Design of the filling opening, excluding carbon dioxide fire extinguishers *(2)*4 Minimum fire ratings | A | R |  | C/N |
| 7 | Duration of operation, residual charge and operating temperatures1 Duration of operation2 Residual charge3 Commencement of discharge4 Effective range of operating temperature | A | R |  | C/N |
| 8 | Retention of propellants 1 Verification2 Acceptance levels3 Production leak tests | A | R |  | C/N |
| 9.19.2 | Dielectric test for water based extinguishersRequired performance | A | R |  | C/N |
| 10.110.210.310.410.510.6 | Requirements for componentsOperation&emission control mechanisms/devices Safety devicesFilter for water based portable fire extinguishersHose and coupling systems Control valve | A | R |  | C/N |
| 11 | Means of pressure indication1 Pressure gauge2 Pressure indicator | A | R |  | C/N |
| 12 | Horns for carbon dioxide portable fire extinguishers | A | R |  | C/N |
| 13 | Portable fire extinguisher mounting bracket | A | R |  | C/N |
| 14 | Resistance to corrosion 1 Resistance to external corrosion2 Resistance to extinguishing medium of extinguishers using water based media | A | R |  | C/N |
| 15 | Fire performance2 Class A fire rating (*14% moisture wood\**)3 Class B fire rating4 Class F fire ratingR Class D fire rating according NEN 2033*\*a report according BS6165 is not accepted.* | A | R |  | C/N |
| 16 | Portable fire extinguisher identification1 Colour (red);2 Marking; Part 1 the words ‘FIRE EXTINGUISHER’ or ‘EXTINGUISHER’ plus medium, or ‘FIRE EXTINGUISHER’ plus medium;Part 1 the type of extinguishing medium and the nominal charge;Part 1 the fire rating or ratings of the extinguisher;Part 2 User instruction and fire classes;Part 3 Safety instructions; electrical & toxicity risk(s) H9.2;Part 4 Refill and maintenance instructions;Part 4 an instruction to refill after any operation;Part 4 an instruction to check periodically and to use only products and spare parts in conformity with the agreed model for refilling and maintenance;Part 4 the identification of the extinguishing medium and, in particular, identification and percentage of additives for water based media;Part 4 if applicable, the identification of the propellant gas;Part 4 the number(s) or reference(s) relating to the approval of the extinguisher;Part 4 the manufacturer’s model designation;Part 4 the operating temperature range;Part 4 a warning against the risk of freezing for water based extinguishers;Part 4 a reference to the European Standard EN 3;Part 4 the periodic maintenance interval can be included in the marking given in Part 4 (see 16.2).NOTE 2 Attention is drawn to national regulationsPart 5 Name and address MANUFACTURER; Part 5 In addition, the year of manufacture shall be marked somewhere on the portable fire extinguisher;*RTK Transfer marking;**RTK sub registration article 10;**RTK = extra requirements based on the Dutch Approval Mark.* | A | R |  | C/N |
| 17 | Maintenance; It shall be possible to perform periodic maintenance on each portable fire extinguisher.NOTE 1 The periodic maintenance interval can be included in the marking given in Part 4 (see **16.2**).NOTE 2 Attention is drawn to national regulations. | A | R | *Manufactures instructions in file at NCP* | C/N |
| *Annex* | *Normative* | - | - |  | - |
| *A**B**C**D**E**F**G**H**I**J**K**L**M* | *Duration of operation, residual charge tests**Range of operating temperature* *Dielectric test* *Operation and emission control mechanisms/devices* *Test for performance of the hose**Control valve test* *Tests on the horn* *Resistance to corrosion**Fire tests* *Measurement of moisture content of wood**Compaction procedure* *Specific requirements for Class F fire extinguisher* *Polar solvents* |  |  |  | - |
|  | *Testing report according to**EN3-10**CEN-TR14922** *Ratings min 5A or 21B or 5F*
* *Report is from a accepted Fire test lab*
 | A | -RR | Lab;No;Date; | C |
|  | *Construction Body according to** *EN3-8* & *PbEG L 181*
 | -AA | -RR | Lab;No;Date; | C/N |

**A = applicable; R = reported; C = conform; N = Not conform**