**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 | A  A | R  R | Type  Comp | 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 temperatures  1 Duration of operation  2 Residual charge  3 Commencement of discharge  4 Effective range of operating temperature | A | R |  | C/N |
| 8 | Retention of propellants  1 Verification  2 Acceptance levels  3 Production leak tests | A | R |  | C/N |
| 9.1  9.2 | Dielectric test for water based extinguishers  Required performance | A | R |  | C/N |
| 10.1  10.2  10.3  10.4  10.5  10.6 | Requirements for components  Operation&emission control mechanisms/devices  Safety devices  Filter for water based portable fire extinguishers  Hose and coupling systems  Control valve | A | R |  | C/N |
| 11 | Means of pressure indication  1 Pressure gauge  2 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 corrosion  2 Resistance to extinguishing medium of extinguishers using water based media | A | R |  | C/N |
| 15 | Fire performance  2 Class A fire rating (*14% moisture wood\**)  3 Class B fire rating  4 Class F fire rating  R Class D fire rating according NEN 2033  *\*a report according BS6165 is not accepted.* | A | R |  | C/N |
| 16 | Portable fire extinguisher identification  1 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 regulations  Part 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 | -  R  R | Lab;  No;  Date; | C |
|  | *Construction Body according to*   * *EN3-8* & *PbEG L 181* | -  A  A | -  RR | Lab;  No;  Date; | C/N |

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