

ISO 7204:2023-11 (E)

Specification for wetting agents for application on Class A fires

Contents	Page
Foreword.....	iv
Introduction.....	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Type and use of wetting agent concentrates	2
4.1 General.....	2
4.2 Use with sea water.....	2
5 Tolerance of the wetting agent concentrate to freezing and thawing	2
6 Sediment in the wetting agent concentrate	3
6.1 Sediment before conditioning.....	3
6.2 Sediment after conditioning.....	3
7 Determination of viscosity	3
7.1 Newtonian wetting agent concentrates.....	3
7.2 Pseudo-plastic wetting agent concentrates.....	3
8 pH of the wetting agent concentrate	3
8.1 pH limits.....	3
8.2 After conditioning.....	3
9 Surface tension of the wetting agent solution	3
9.1 Before conditioning.....	3
9.2 After conditioning.....	4
10 Test fire performance	4
11 Corrosion	4
12 Toxicology and environmental information	4
13 Marking, packaging and specification sheet	4
13.1 Marking.....	4
13.2 Packaging.....	5
13.3 Specification sheet.....	5
Annex A (normative) Preliminary sampling and conditioning of the wetting agent concentrate	6
Annex B (normative) Determination of tolerance to freezing and thawing	7
Annex C (normative) Determination of percentage of sediment	9
Annex D (normative) Determination of viscosity for pseudo-plastic wetting agent concentrates	10
Annex E (normative) Determination of surface tension	12
Annex F (normative) Determination of fire test performance	13
Annex G (normative) Toxicology and environmental information	15
Annex H (informative) Compatibility between wetting agent concentrates	16
Bibliography	17