

ISO 7076-1:2012-05 (E)

Fire protection - Foam fire extinguishing systems - Part 1: Foam proportioning equipment

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	2
4	Requirements	2
4.1	Connections	2
4.2	Parts for removal during routine field maintenance	2
4.3	Corrosion resistance of metal parts	2
4.4	Elastomeric joint rings	3
4.5	Plastics and reinforced resin materials	3
4.6	Strength	3
4.7	Leak resistance	4
4.8	Proportioning ratio	4
4.9	Pressure loss	4
4.10	Operation reliability	4
4.11	Water flow	4
4.12	Stress corrosion	4
4.13	Salt-spray corrosion	4
4.14	Light and water exposure	4
5	Test methods	5
5.1	General	5
5.2	Ageing test for plastics and reinforced resin materials	5
5.3	Liquid exposure test	5
5.4	Equipment pressurization test	5
5.5	Leak resistance test	5
5.6	Proportioning ratio test	5
5.7	Pressure loss test	5
5.8	Operation reliability test	6
5.9	Water flow test	6
5.10	Stress corrosion test	6
5.11	Salt-spray corrosion test	7
5.12	Light and water exposure test	7
6	Marking	8
7	Manufacturer's installation and operation instructions	8
Annex A (normative)	Tolerances	9
Bibliography		10