

ISO 22488:2011-06 (E)

Ships and marine technology - Shipboard fire-fighters' outfits (protective clothing, gloves, boots and helmet)

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	2
4	Design requirements	3
4.1	General	3
4.2	Protective clothing	4
4.3	Gloves	4
4.4	Boots	4
4.5	Helmets	4
5	Performance requirements and test methods for firefighter outfit components	5
5.1	General and sampling requirements	5
5.2	Protective clothing	5
5.3	Boots	7
5.4	Helmet	17
6	Additional requirements	25
6.1	Mass measurement	25
6.2	Donning test	25
6.3	Mobility tests	25
6.4	Retroreflective/fluorescent material tests	25
7	Care and maintenance instructions	25
8	Marking	25
8.1	General	25
Annex A (normative) Footwear designs		27
Annex B (normative) Mobility tests		28
Annex C (normative) Impact resistance test for visor		30
Annex D (normative) Field of vision test		31
Annex E (normative) Flame resistance test for visor		32
Annex F (normative) Arrangement of retroreflective/fluorescent materials		33
Annex G (normative) Assessment of footwear		34
Bibliography		36