

ISO/TR 24188:2022-06 (E)

Large outdoor fires and the built environment - Global overview of different approaches to standardization

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Ignition scenarios	3
5	Regulation principle and strategies	4
5.1	Japan	4
5.2	California State Building Code (US)	5
5.3	NFPA 1144, Standard for Reducing Structure Ignition Hazards from Wildland Fire (US)	5
5.4	International Wildland Urban Interface Code (IWUIC)	5
5.5	France	6
5.6	Australia	6
6	Approach for roofing assemblies	6
6.1	Japan	6
6.2	North America	7
6.3	France	7
6.4	Australia	7
7	Approach for exterior walls and facades	8
7.1	Japan	8
7.2	North America	8
7.2.1	Fire resistance for exterior walls based on traditional inside-building fire test methods	8
7.2.2	Exterior walls outdoor fire exposures	8
7.3	France	9
7.4	Australia	9
8	Other building elements	9
8.1	Vents	9
8.2	Decks	10
8.3	Eaves	10
8.4	Windows	10
8.4.1	North America	10
8.4.2	Australia	10
9	Additional provisions	10
9.1	Reaction-to-fire -- California	10
9.2	Reaction-to-fire -- France	11
10	Summary of scenarios and tests	11
Annex A (informative)	Precise description of tests for roof performance defined in the European Standard CEN/TS 1187	14
Bibliography		17