

## **Part A – General**

### **Regulation 2 - Fire Safety Objectives and Functional Requirements**

#### **1 Fire safety objectives**

*1.1 The fire safety objectives of this chapter are to:*

*1.1.1 prevent the occurrence of fire and explosion;*

*1.1.2 reduce the risk to life caused by fire;*

*1.1.3 reduce the risk of damage caused by fire to the ship, its cargo and the environment;*

*1.1.4 contain, control and suppress fire and explosion in the compartment of origin; and*

*1.1.5 provide adequate and readily accessible means of escape for passengers and crew.*

#### **2 Functional requirements**

*2.1 In order to achieve the fire safety objectives set out in paragraph 1, the following functional requirements are embodied in the regulations of this chapter as appropriate:*

*2.1.1 division of the ship into main vertical and horizontal zones by thermal and structural boundaries;*

*2.1.2 separation of accommodation spaces from the remainder of the ship by thermal and structural boundaries;*

*2.1.3 restricted use of combustible materials;*

*2.1.4 detection of any fire in the zone of origin;*

*2.1.5 containment and extinction of any fire in the space of origin;*

*2.1.6 protection of means of escape and access for fire fighting;*

*2.1.7 ready availability of fire-extinguishing appliances; and*

*2.1.8 minimization of possibility of ignition of flammable cargo vapour.*

#### **3 Achievement of the fire safety objectives**

*The fire safety objectives set out in paragraph 1 shall be achieved by ensuring compliance with the prescriptive requirements specified in parts , C, D, E or G, or by alternative design and arrangements which comply with Part F. A ship shall be considered to meet the functional requirements set out in paragraph 2 and to achieve the fire safety objectives set out in paragraph 1 when either:*

*3.1 the ship's design and arrangements, as a whole, comply with the relevant prescriptive requirements in parts , C, D, E or G*

*3.2 the ship's design and arrangements, as a whole, have been reviewed and approved in accordance with part F; or*

*3.3 part(s) of the ship's design and arrangements have been reviewed and approved in accordance with part F and the remaining parts of the ship comply with the relevant prescriptive requirements in parts , C, D, E or G.*

**MCA Guidance**

None