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14.12	Miscellaneous Items of Fire Protection
14.12.1	Pipes penetrating 'A' and 'B' Class divisions
14.12.2	Materials used for oil pipes
14.12.3	Overboard scuppers, discharges etc
14.12.4	Electric space heaters
14.12.5	Oil and oil vapour barriers
14.12.6	Draught stops
14.12.7	Closure of decks
14.13	Sprinkler and Detector Systems
14.14	Special Arrangements for Machinery Spaces

Chapter 14 Structural Fire Protection

Part B Tankers of 500 Tons and Over (to Which Part VIII of the L.S. Regulations Apply)

14.15	Structure
14.16	Aluminium Structure
14.16.1	Insulating the structure
14.16.2	Approved insulations
14.16.3	Bulkheads and decks not required to be 'A' Class or 'B' Class divisions
14.16.4	Structure supporting lifeboats and liferafts
14.17	Exterior Boundaries of Superstructures and Deckhouses
14.17.1	Insulated boundaries
14.17.2	Openings
14.17.3	Doors
14.17.4	Gastightness test for the navigation bridge external doors and windows
14.17.5	Windows and sidescuttles
14.18	Boundaries of Machinery Spaces of Category A and Pump Rooms

14.18.1	Windows and sidescuttles
14.18.2	Skylights
14.19	Bulkheads Within Accommodation Spaces, Service Spaces and Control Stations
14.19.1	General comment
14.19.2	'B' Class divisions
14.20	Fire Integrity of Bulkheads and Decks
14.20.1	Minimum standards and categories
14.20.2	Group of spaces
14.20.3	Separating spaces with partial bulkheads and enclosed promenades
14.20.4	Insulation vlaues of spaces with special characters of two or more space categories and separating by wire mesh
14.20.5	Doubt as to category of space
14.20.6	Spaces used for unrelated purposes
14.20.7	Spaces of more than one category
14.20.8	Stairways closed at one level and escape trunks
14.20.9	Category of enclosed emergency escape trunks
14.20.10	Category of electrical equipment rooms
14.20.11	Construction and arrangement of saunas
14.20.12	Pantries containing no cooking appliances
14.20.13	Separation of machinery spaces from other spaces
14.20.14	Continuous 'B' Class ceilings or linings as 'A' Class insulations
14.20.15	External boundaries
14.20.16	Lighting enclosures for illuminating cargo pump rooms
14.20.17	Boundaries and intersections
14.20.18	Superscriptions in tables 3 and 4
14.20.19	Asterisk in the tables
14.21	Protection of Stairways and Lifts
14.21.1	Construction and insulation
14.21.2	Openings in stairway enclosures
14.21.3	Access into stairway enclosures
14.21.4	Openings in lift trunks
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14.22	Openings in 'A' Class Divisions
14.23	Openings in 'B' Class Divisions
14.24	Ventilation Systems
14.24.1	General comment
14.24.2	Smoke control
14.24.3	Vertical ducts
14.24.4	Air supply to control stations
14.24.5	Ducts from machinery spaces of Category A, galleys, etc
14.24.6	Ducts from accommodation spaces, etc
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14.24.9	Ducts passing through 'A' Class divisions
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14.24.13	Fire dampers

14.25	Details of Construction
14.26	Restrictions of Combustible Materials
14.27	Miscellaneous Items of Fire Protection
14.28	Smoke Detectors
14.29	Special Arrangements for Machinery Spaces
14.30	Protection of Lifeboat and Liferaft Positions

Chapter 15 Means of Escape Passenger Ships, Cargo Ships and Tankers

15.1	Details of the 'Means of Escape'
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15.1.2	Information to be submitted
15.2	General Requirements Applicable to all Ships
15.2.1	Separation of escapes
15.2.2	Stairways and ladderways
15.2.3	Flexible ladders (not acceptable)
15.2.4	Corridors and doorways
15.2.5	Escalators
15.2.6	Lifts
15.2.7	Public rooms used for concerts, etc
15.2.8	Escape windows and sidescuttles
15.2.9	Hatches
15.2.10	Escape panels
15.2.11	Sleeping rooms in crew accommodation
15.2.12	Crew messrooms, recreation rooms etc
15.2.13	Doors in crew accommodation
15.3	Requirements Applicable to Passenger Ships of Class I
15.3.1	Widths of stairways and ladderways
15.3.2	Opening direction of doors along escape routes
15.3.3	The carriage of elderly and disabled passengers
15.3.4	Continuous fire shelters
15.3.5	Size of landings and intermediate landings
15.3.6	Access from stairway enclosure to embarkation areas
15.3.7	Crew spaces
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15.3.9	Walkways in special category spaces
15.3.10	Ro-Ro cargo spaces
15.3.11	Vertical ladders
15.3.12	Machinery spaces
15.3.13	Spaces in which gas cylinders are stored
15.3.14	Low location lighting
15.3.15	Marking and illuminating exits and escape routes
15.4	Requirements Applicable to Passenger Ships of Classes II and II(A)(of 21.34 m in length and over)
15.4.1	'Diagrammatic plan of escape routes' and 'evacuation analysis'
15.5	Requirements Applicable to Passenger Ships of Classes II(A) to (of less than 21.34m in length) and III to VI(A)(inclusive)
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15.6.1	Stairways and ladderways

- 15.6.2 Accommodation below the weather deck
- 15.6.3 Accommodation above the weather deck
- 15.6.4 Arrangement of doors along escape routes and accessibility of embarkation decks
- 15.6.5 Spaces in tower blocks
- 15.6.6 Cargo spaces intended for the carriage of motor vehicles
- 15.6.7 Machinery spaces
- 15.6.8 Exception of fire shelters in machinery spaces of Category A
- 15.6.9 Number of escape routes from machinery spaces other than Category A
- 15.6.10 Spaces in which gas cylinders are stored
- 15.6.11 Number and location of escape routes in Ro-Ro cargo spaces

Appendix 1 Reference to IMO Resolutions and MSC Circulars Found Throughout the Instructions