

that there is no requirement for such boundaries to have "A" class integrity elsewhere in this part. Similarly, in such boundaries which are not required to have "A" class integrity, doors may be of materials to the satisfaction of the Chief Surveyor.

(5) Permanent approved gastight lighting enclosures for illuminating cargo pump-rooms may be permitted in bulkheads and decks separating cargo pump-rooms and other spaces provided they are of adequate strength and the integrity and gastightness of the bulkhead or deck is maintained.

TABLE 99.1—FIRE INTEGRITY OF BULKHEADS SEPARATING ADJACENT SPACES

Spaces	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Control stations	(1) A-0 ^c	A-0	A-60	A-0	A-15	A-60	A-15	A-60	A-60	*
Corridors	(2)	C	B-0	B-0 A-0 _a	B-0	A-60	A-0	A-60	A-0	*
Accommodation spaces	(3)		C	B-0 A-0 _a	B-0	A-60	A-0	A-60	A-0	*
Stairways	(4)			B-0 A-0 _a	B-0 A-0 _a	A-60	A-0	A-60	A-0	*
Service spaces (low risk)	(5)				C	A-60	A-0	A-60	A-0	*
Machinery spaces of category A	(6)					*	A-0	A-0 ^d	A-60	*
Other machinery spaces	(7)						A-0 ^b	A-0	A-0	*
Cargo pump-rooms	(8)							*	A-60	*
Service spaces (high risk)	(9)								A-0 ^b	*
Open decks	(10)									—

TABLE 99.2—FIRE INTEGRITY OF DECKS SEPARATING ADJACENT SPACES

Space below ↓	Space above →	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Control stations	(1)	A-0	A-0	A-0	A-0	A-0	A-60	A-0	—	A-0	*
Corridors	(2)	A-0	*	*	A-0	*	A-60	A-0	—	A-0	*
Accommodation spaces	(3)	A-60	A-0	*	A-0	*	A-60	A-0	—	A-0	*
Stairways	(4)	A-0	A-0	A-0	*	A-0	A-60	A-0	—	A-0	*
Service spaces (low risk)	(5)	A-15	A-0	A-0	A-0	*	A-60	A-0	—	A-0	*
Machinery spaces of category A	(6)	A-60	A-60	A-60	A-60	A-60	*	A-60 ^e	A-0	A-60	*
Other machinery spaces	(7)	A-15	A-0	A-0	A-0	A-0	A-0	*	A-0	A-0	*
Cargo pump-rooms	(8)	—	—	—	—	—	A-0 ^d	A-0	*	—	*
Service spaces (high risk)	(9)	A-60	A-0	A-0	A-0	A-0	A-60	A-0	—	A-0 ^b	*
Open decks	(10)	*	*	*	*	*	*	*	*	*	—

Notes: To be applied to tables 99.1 and 99.2 of this Code as appropriate.

^a For clarification as to which applies, see clauses 86 and 88 of this Code.

^b Where spaces are of the same numerical category and superscript b appears, a bulkhead or deck of the rating shown in the tables is only required when the adjacent spaces are for a different purpose, e.g. in category (9). A galley next to a galley does not require a bulkhead but a galley next to a paint room requires an "A-0" bulkhead.

^c Bulkheads separating the wheelhouse, chartroom and radio room from each other may be "B-0" rating.

^d Bulkheads and decks between cargo pump-rooms and machinery spaces of category A may be penetrated by cargo pump shaft glands and similar glanded penetrations, provided that gastight seals with efficient lubrication or other means of ensuring the permanence of the gas seal are fitted in way of the bulkhead or deck.

* Fire insulation need not be fitted if the machinery space in category (7), in the opinion of the Chief Surveyor, has little or no fire risk.

* Where an asterisk appears in the tables, the division is required to be of steel or other equivalent material but is not required to be of "A" class standard.

100. Cargo Tank Venting—(1) The venting systems of cargo tanks are to be entirely distinct from the air pipes of the other compartments of the ship. The arrangements and position of openings in the cargo tank deck from which emission of flammable vapours can occur shall be such as to minimise the possibility of flammable vapours being admitted to enclosed spaces containing a source of ignition, or collecting in the vicinity of deck machinery and equipment which may constitute an ignition hazard.

(2) The venting arrangements shall be so designed and operated as to ensure that neither pressure nor vacuum in