

# Fire Endurance Requirements Matrix

According to IMO A.753 [18]

	Machinery spaces of Category A	Other machinery spaces and pump rooms	Cargo pump rooms	Ro-ro cargo holds	Other dry cargo holds	Cargo tanks	Fuel oil tanks	Ballast water tanks	Cofferdams void spaces pipe tunnel and ducts	Accommodation service and control spaces	Open decks
<b>CARGO (flammable cargoes f.p &lt;60°C)</b>											
Cargo lines			L1								L1
Crude oil washing lines			L1								L1
Vent lines											
<b>INERT GAS</b>											
Water seal effluent lines											
Scrubber effluent lines											
Main lines			L1								L1
Distribution lines			L1								L1
<b>FLAMMABLE LIQUIDS (f.p. &gt; 60°C)</b>											
Cargo lines			L1								L1
Fuel oil			L1							L1	L1
Lubricating			L1							L1	L1
Hydraulic oil			L1							L1	L1
<b>SEAWATER</b>											
Bilge main and branches	L1	L1	L1								L1
Fire main and water spray	L1	L1	L1								L1
Foam system	L1	L1	L1							L1	L1
Sprinkler system	L1	L1									
Ballast										L2	L2
Cooling water, essential services											L2
Tank cleaning services fixed machines											
Non essential systems											
<b>FRESH WATER</b>											
Cooling water, essential services											
Condensate return											
Non essential systems											
<b>SANITARY / DRAINS / SCUPPERS</b>											
Deck drains (internal)	L1	L1		L1							
Sanitary drains (internal)											
Scuppers and dischargers (overboard)											
<b>SOUNDING / AIR</b>											
Water tanks / dry spaces											
Oil tanks (f.p. > 60°C)											
<b>MISCELLANEOUS</b>											
Control air	L1	L1	L1	L1	L1					L1	L1
Service air (non essential)											
Brine											
Auxiliary low pressure steam (≤ 7 bar)	L2	L2									
Central vacuum cleaners											
Exhaust gas cleaning system effluent line	L3	L3								L3	
Urea transfer/supply system (SCR installations)	L1	L1								L3	