	<p>HEALTH, SAFETY, ENVIRONMENT AND QUALITY MANAGEMENT SYSTEM</p> <p><b>35.0 FIXED CO2 FIRE FIGHTING SYSTEM IN GALLEY</b></p> <p>ON THE JOB TRAINING</p>	<p>OJT : 035  Page : 1 of 3  Date : 07-Nov-25  Rev : 10.1  Appr : DPA</p>
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VESSEL: \_\_\_\_\_

DATE: \_\_\_\_\_

### Details of Training: Fixed CO2 Fire Fighting System in Galley





#### **SOLAS Chapter II-2, Reg. 9.7.5 Exhaust ducts from galley ranges**

7.5.2 Requirements for cargo ships and passenger ships carrying not more than 36 passengers, each exhaust duct shall be fitted with:

- a grease trap readily removable for cleaning
- an automatically and remotely operated fire damper located in the lower end of the duct at the junction between the duct and the galley range hood and, in addition, a remotely operated fire damper in the upper end of the duct close to the outlet of the duct
- arrangements, operable from within the galley, for shutting off the exhaust and supply fans
- fixed means for extinguishing a fire within the duct.

**All officers are required to familiarize themselves with above SOLAS requirement.**

**Photos of typical fixed CO2 fire-fighting system on board the ships**

	
Fixed CO2 cylinder	CO2 outlet in vent space
	
Fire damper	Fire damper handles for opening/closing



Fixed CO2 release cabinet



Fixed CO2 release cabinet – note fan trips



Galley exhaust and supply fan stops inside galley




Emergency stop for galley fan outside galley



Exhaust trunking – CO2 nozzle inside



Fire damper in galley

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Fire damper in galley	Fixed CO2 cylinder

- Fixed CO2 cylinder in galley is provided to fight the fire **within the vent duct space**
- In case of fire in in the vent trunk, follow the manufacturer's operating instructions posted at the fixed CO2 cylinder
- Following are **general** operating instructions:
  - Stop galley vent fan
  - Close fire dampers
  - Release the CO2 from cylinder
- Do not start vent fan until fire is extinguished and vent trunk is cool

### Fire preventive measures

- Keep galley exhaust ducts and filters free of grease build-up/fat deposits
- When inspecting/cleaning the trunking, the responsible person for FFA maintenance to check up inside the trunking as well as the grease traps.

### Training Guidelines: Keep training interactive

- Ask ratings to locate the outlet of CO2 cylinder piping
- Ask question if CO2 is released without stopping fan and closing the dampers what will happen
- Why cleaning of filter is necessary

### Training conducted to all officers and ratings (Attach signed crew list):

Trainer : \_\_\_\_\_

Verified by: Master \_\_\_\_\_

Feedback: