

IMO Fire Control Symbols (D039SA) - Part 1 - Answers (2021)



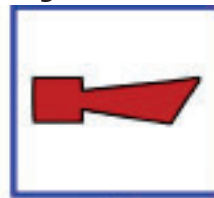
(1)

Fire Control Plans



(2)

Fire Alarm Push Button



(3)

Fire Alarm Horn (Not Part Of Foam System)



(4)

Bell Fire Alarm



(5)

Manually Operated Call Point



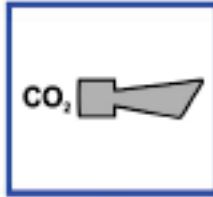
(6)

Automatic Fire Alarm Fire Detector Space



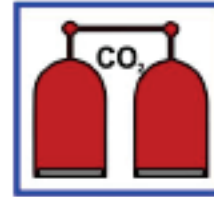
(7)

Space Protected by CO₂



(8)

CO₂ Horn



(9)

CO₂ Release Station



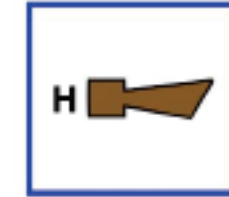
(10)

Halon 1301 Room Main Battery of Bottles



(11)

Halon 1301 Protected Space



(12)

Halon Alarm (Not Found Outside of ER)



(13)

Foam Installation



(14)

Foam Gun - **LARGE DECK** Class B Fires - Non-Portable Extinguisher



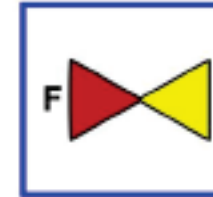
(15)

Foam Nozzle



(16)

Foam Protected Space for Class B Fires



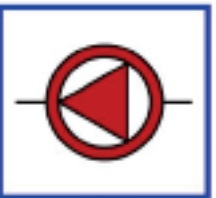
(17)

Foam Section Valve



(18)

Smoke Detector



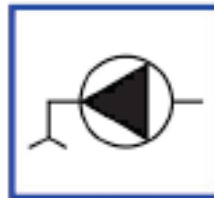
(19)

Emergency Fire Pump - Use if Fire Pump Fails



(20)

Service Diesel



(21)

Bilge Pump



(22)

Emergency Bilge Pump



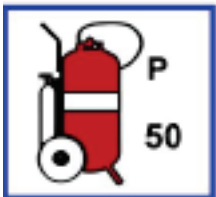
(23)

Water Monitor/Gun Used For Class A Fires



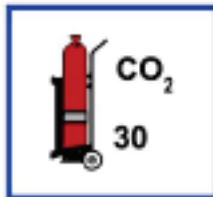
(24)

Emergency Phone Station - Outside of Engine Room



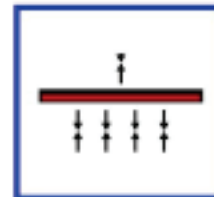
(25)

Wheeled 50 kg Powder Fire Extinguisher



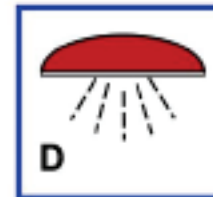
(26)

Wheeled 30 kg CO₂ Extinguisher Class C Fire



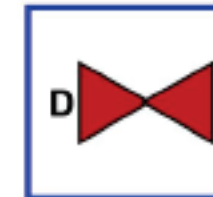
(27)

Drenching Installation



(28)

Drenching System Protected Space



(29)

Drenching System Section Valve



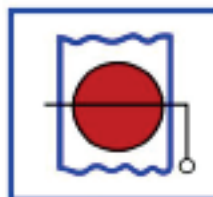
(30)

Fire Station (Does NOT contain Fire Protection Equipment)



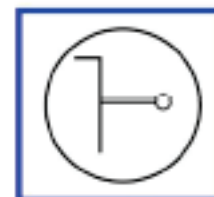
(31)

Gas Detector Monitored Space



(32)

Fire Damper (Helps Control Fire Spread)



(33)

Remote Control Skylight



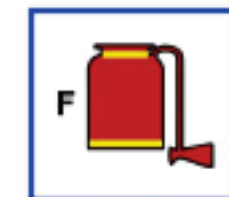
(34)

Remote Controlled Fuel / Lubricating Oil Valve



(35)

Control Station



(36)

Portable Foam App (Class B Fires)

IMO Fire Control Symbols (D039SA) - Part 2 - Answers (2021)



(37)

Fire Alarm Panel



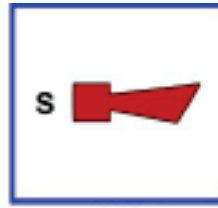
(38)

Sprinkler Installation



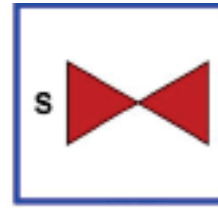
(39)

Sprinkler



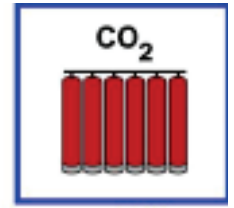
(40)

Sprinkler Horn



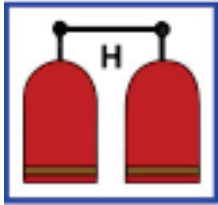
(41)

Sprinkler Section Valve



(42)

CO₂ Bottle Room (Battery)



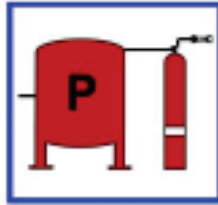
(43)

Halon Release Station (Outside of ER)



(44)

Halon 1301 Bottles in Protected Area



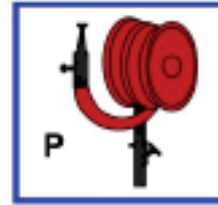
(45)

Powder Installation



(46)

Powder Monitor-Gun



(47)

Dry Chemical for SMALL fire



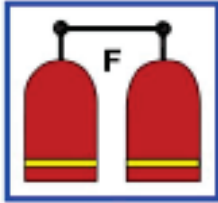
(48)

Dry Chemical Releasing Station



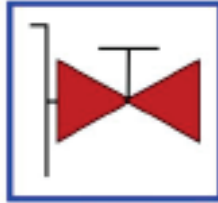
(49)

Heat Detector (Found in Galley)



(50)

Foam Release Station



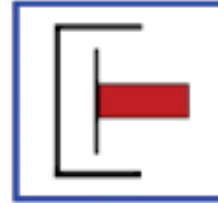
(51)

Fire Main with Fire Valve
**FOUND ALL
THROUGHOUT THE SHIP**



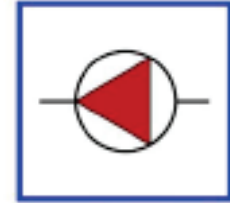
(52)

Hose box with Spray or Jet Fire Nozzle



(53)

International Shore Connection Tank Ship => 500T



(54)

Fire Pump



(55)

Fire Axe



(56)

Fog Applicator Extinguish Class A Fire



(57) (Outside of Engine Room)

Portable Fire Extinguishers



(58)

Recharge & Spare Batteries SCBA & Fireman's Outfit



(59)

Additional Breathing Apparatus



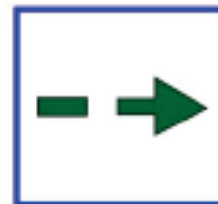
(60)

Protective Clothing Locker



(61)

PRIMARY Means of ESCAPE



(62)

SECONDARY Means of ESCAPE



(63)

Flame Detector



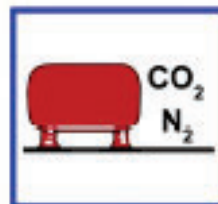
(64)

Inert Gas Installation



(65)

High Expansion Foam Supply



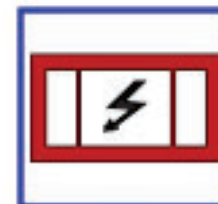
(66)

CO₂/Nitrogen Bulk Installation



(67)

Emergency Generator



(68)

Emergency Switchboard



(69)

Part of Vessel's Ventilation System

IMO Fire Control Symbols (D039SA) - Part 3 - Answers

The U.S. Coast Guard reviews and approves a vessel's Fire Control Plan.

Fire Control Plans contain information on fixed fire suppression, ship construction and ventilation.

Fire Control Plans must, in addition to the flag state language, be in English or French.

Symbols on the Plan are approved by the International Maritime Organization.

Plans shall be permanently posted for the guidance of ship's officers.

The Plan is laid out on the General Arrangement plan form.

The General Arrangement plan outlines the vessel's Fire Firefighting arrangement within the control plan.

Muster lists are NOT on the vessel's control plan.

Booklet forms may be utilized to provide fire control details for officers during fire and emergencies.

The diameter of the firemain, the communication plan, the ventilation fan capacity, the fire and emergency signals and the instruction for the activation of systems are NOT listed on the vessels Fire Control Plan.

On MODUs, the Fire Control Plan must be posted in the Control Center (Pilot House).

A Passenger Vessel of 500 GT on an International voyage is required to exhibit a Fire Control Plan.

Control Plans aboard Passenger Vessels:

- 1) give guidance for the officers in-charge in the event of fire.**
- 2) facilitates shore-side fire fighters in fire fighting a fire aboard the vessel.**
- 3) shows passengers where to evacuate in the event of a fire.**

A duplicate Fire Control Plan MUST be located at the gangway, outside of the deck house, and NOT in the Master's office.