


<b>Fire Safety Guide</b>		 <b>مرسى الموج</b> <b>al mouj marina</b>
Subject:	Fire Prevention	
First Issue date:	29-05-2023	
Revision Date:		
Facility:	Al Mouj Marina	

## Introduction

Fires on board are extremely dangerous events as they can spread very quickly. Many boat owners can implement some easy steps to prevent these potentially dangerous events from happening. It is the responsibility of all boaters in the marina to use the appropriate safety measures. This guide contains some important information you need to reduce the risk of fires and keep yourself and the boating community safe.

## Responsibility

All boat owners, captains and crew are responsible for keeping their boats in a seaworthy and safe condition.

## Top Five Causes of Fires Onboard

- Improper/faulty or chaffed electrical cables/wiring and using too many electrical appliances.
- Fuel and pipelines, hot surfaces, and wiring in areas with poor ventilation.
- Sparks from welding or cutting during alterations and repairs.
- Fuel leaks from gas, oil and petroleum appliances.
- Unsafe disposal of smoking materials.

## Guidelines

- Open all hatches and let enclosed compartments air out properly before turning on engines, also before and after fueling.
- Particularly in the summer season, do not top-up your fuel tanks as fuel tends to expand in high temperatures.
- Prevent petrol vapor from entering the boat by closing the doors, windows and closing the awning when refueling.
- Leaks, spills, and vapor can ignite easily. Clean them up straight away and make sure filler caps are secured after refueling.
- Dispose any rags used to wipe away fuel spills properly (contact the marina), **DO NOT** leave them unattended on board!
- Refueling is only permitted in designated area. Refueling using jerrycans is strictly prohibited.
- Make sure you check and maintain your boat's fuel systems by professionals on regular basis. Check for loose fuel hose joints, damaged fuel tanks or deteriorating hoses.
- Hot works are not permitted in the marina.
- Do not let fuel, oil or debris build-up in the bilges.
- If fuel is accumulated in your bilges:
  - Do not, under any circumstances, run the bilge pump. As this carries a high risk of fire/explosion and environmental pollution.

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- Disconnect shore power and turn off the battery switches and any other sources of power.
- Open hatches to vent.
- Contact the marina immediately and evacuate.
- Check exhaust systems of inboard engines for leaks.
- Always keep approved fire extinguishers onboard.
- Do not overload shore power, and make sure you use marine grade sockets and cables.
- Use marine grade AC battery charger.
- Inspect battery connectors for pitting or rusting, and make sure the battery connectors are the appropriate size for the posts.
- Make sure you check and maintain your electrical systems by professionals on regular basis.
- Damaged wires, connectors, cables, and regulators can overheat rapidly, so look out for burn marks or burning smells. Do not ignore sounds like buzzing, fizzing, or crackling.
- Make sure your cooling water intake is unblocked and the impeller is replaced regularly. This is to avoid engine overheating.
- Smoking onboard significantly increases the risk of fire especially:
  - When smoking in poorly ventilated areas.
  - While fueling.
  - If improper disposal takes place.