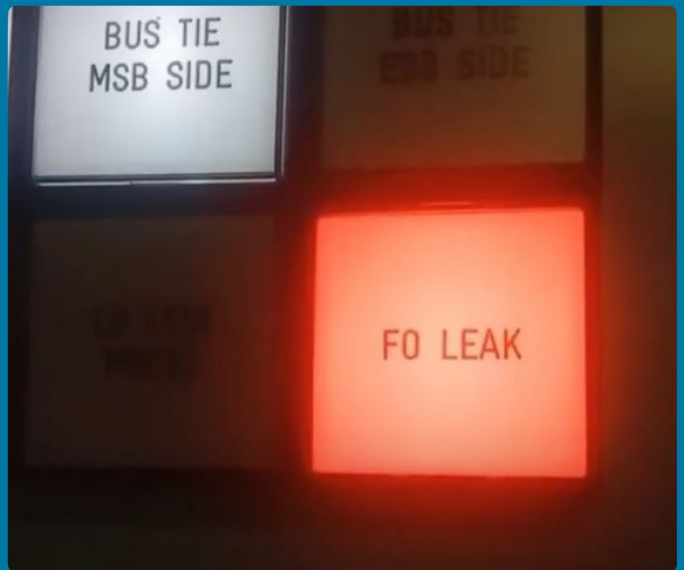




EMERGENCY GENERATOR LEAKAGE



- **HELMET ELEMENT 11 'Emergency preparedness' – Item 6 'Engine Room'**
- **SOLAS, Regulation 43 - 44 Chapter II-1**
- **IMO: MSC.1/Circ.1321: Guidelines for Measures to Prevent Fires in Engine Rooms and Cargo Pumps**
- **SIRE 2.0: 10.2.1 Emergency Generator**

INCIDENT

During an onboard Engine Room audit, the PAS Auditor noticed that the fuel supply line of the emergency generator was leaking and the fuel tank was almost empty. Additionally, the low fuel indicator alarm was not activated, thus no warning for leakage was received.

WHY IS THIS IMPORTANT?

The emergency generator is a critical component onboard the ships, which functions as a backup power supply. It ensures the proper operation of navigational systems, lighting, communication systems, firefighting, and lifesaving equipment and more, in an event where total loss of power may occur onboard. In addition, the system's malfunction may cause major complications with coastguards and during vetting inspections.

SUGGESTIONS

- Inspect the system for leakages, especially after the operation test.
- Check that the PMS test/check routine matches with the manufacturer's requirements.
- Operate and test it at frequent intervals, as per the PMS and keep records of testing.
- Ensure that critical spares for the emergency generator are available onboard and update the PMS inventory with the stock statement.
- Verify crew familiarity with the operation of the emergency generator and its various starting modes.

PREVENTION AT SEA

5 Artemidos Avenue, 6th Floor,
6020, Larnaca, Cyprus
Tel: +357 24819800

PREVESEA

91 Akti Miaouli Str., 3rd Floor,
185 38 Piraeus, Greece
Tel: +30 210 6437637

✉ sales@preventionatsea.com
🌐 www.preventionatsea.com

