



PARTNER.SHIP.REDEFINED.

FIRE DURING HOT WORKS

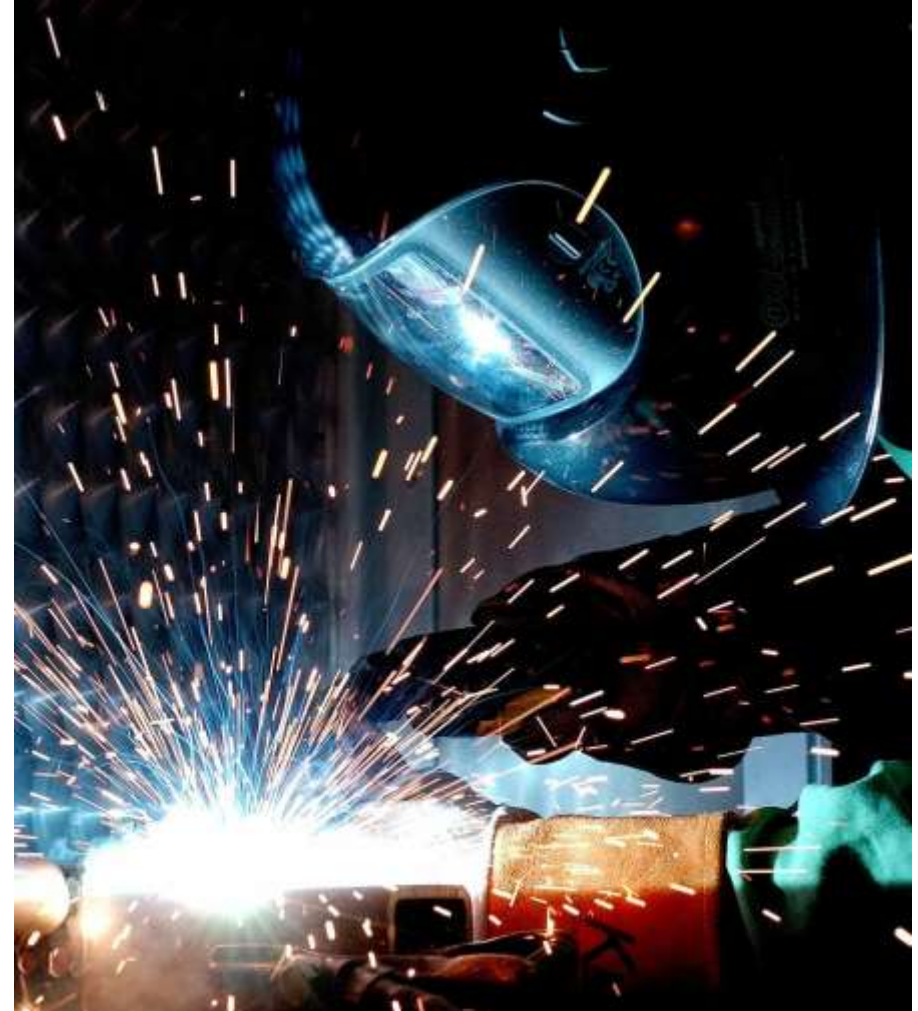


PDB-10-000



CASE: FIRE DURING HOT WORKS

- When : 10-02-2020
- Where: at Sea



CASE: FIRE DURING HOT WORKS

• COURSE OF EVENTS

- On 09-02-2020 was found that hydraulic pipe of stbd mooring winch is leaking
- 10th of February oil was drained from the stbd mooring winch hydraulic system and area was prepared for hot work
- 15:35 - Commence of hot works to dismantle the old leaking pipe.
- 16:10 - Ch.Officer(st-by person) reported that "fire in the forecastle switch room"
- 16:12 - Attempt to extinguish the fire with fire extinguishers with no positive result.
- 16:15 - Crew on st-by, ventilation/fire flaps closed, electrical supply of the forecastle switched off.
- 16:28 – Fire squad reached the centre of fire fighting area (switch room).
- 16:36 - Fire completely extinguished. All men out and safe.



**HOT WORK
WORK IN PROGRESS**

CASE: FIRE DURING HOT WORKS

- **WHY THIS HAPPENED**

- Main cause of fire was that crew overlooked fact that the **ceiling** and the **wall had partly an oily surface**. The spark reached the oily area and later **fire jumped to the stored, used safety equipment** (old fire box and used fire hoses) **which was not moved out** from the working area far enough.



CASE: FIRE DURING HOT WORKS

- HOW THIS COULD BE PREVENTED ?
 - Risk assessment prior starting of works
 - Proper preparation of area where hot works will be removal of flammable materials.
 - Fire extinguisher available next to hot works area
 - Exact check of arrangements by superiors

(All points are part of HOT WORK PERMIT PROCEDURE)



THANK YOU!

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