

DON'T CURE PREVENT

ISSUE 08 APRIL 2021



FIRE MAIN'S ISOLATION VALVES



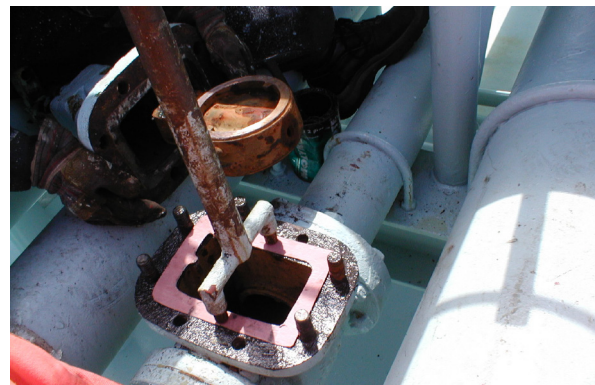
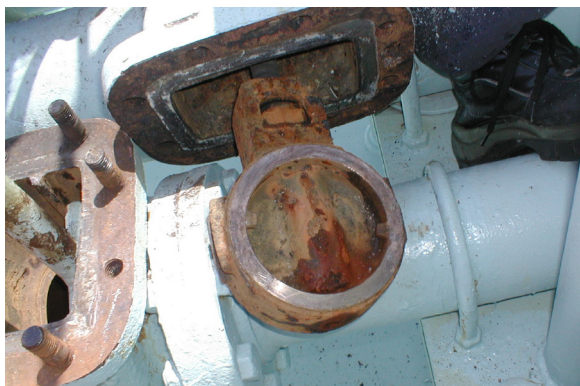
FIRE MAIN'S ISOLATION VALVES



CASE

During an onboard H.E.L.M.E.T. assessment, the P@S Assessor tested the fire line's isolation valves on main deck and noticed that almost all valves were stuck and hard to open or close. The P@S assessor explained the role of those valves and the importance of proper maintenance/operation. Training activity to build awareness as well as maintenance to improve the condition was scheduled, as necessary.

The subject observation comprises a common observation which may lead to complications during PSC inspections.



REGULATORY FRAMEWORK

AS PER SOLAS CHAPTER II-2, REGULATION 9.7.2.1.1

Isolation valves shall be installed for all open deck fire main branches used for purposes other than fire fighting. In ships where deck cargo may be carried, the positions of the hydrants shall be such that they are always readily accessible and the pipes shall be arranged as far as practicable to avoid risk of damage by such cargo.



WHAT WENT WRONG?

- ❑ The maintenance of the isolation valves was not in accordance with the PMS and best practices.
- ❑ Lack of knowledge on the importance of such equipment.
- ❑ Improper monitoring of the equipment condition and poor perception.
- ❑ Low quality spare was used during previous maintenance works.



OUR SUGGESTION

We suggest the following actions with the aim to prevent reoccurrence

- ❑ Assure proper maintenance in accordance with PMS.
- ❑ Monitor the condition, test the equipment as per PMS and report findings.
- ❑ Use high quality spare parts or maintenance materials.
- ❑ Do not rely on equipment's superficial good condition.





BEST PRACTICE

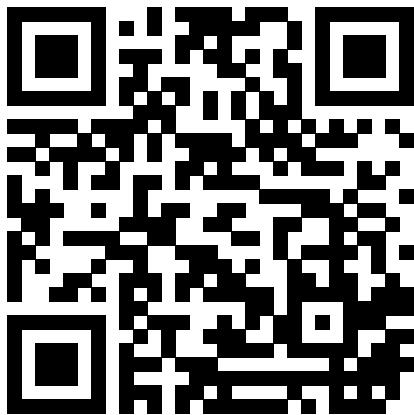
- ✓ Continuously monitor, test and maintain the fire isolation valves as per PMS.
- ✓ Ensure awareness of the importance of such equipment.
- ✓ Mark the valves and ensure crew is aware of its location and role.
- ✓ Ensure that the valves are always open and the safety officer is aware of, in case, the status has changed.



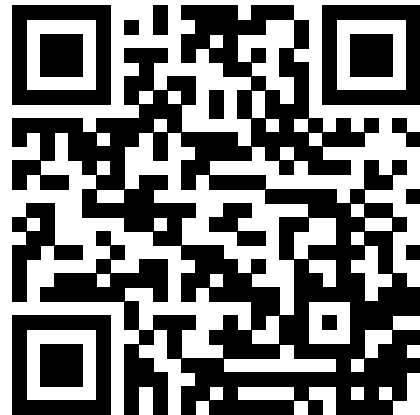
TEST YOUR KNOWLEDGE

CLICK ON THE LINKS *OR* SCAN THE QR CODE

Q&A



SPOT THE DEFICIENCY



 **PREVENTION AT SEA**

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**FOR MORE INFORMATION,
PLEASE DO NOT HESITATE TO CONTACT US.**



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