

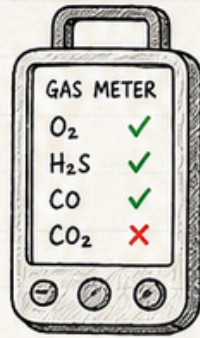
📍 Port: Houston, Texas, USA  
 👤 Inspector: Capt. E.....C  
 ⌚ Duration: 8.0 Hours

WK-57 "Small gaps in compliance often become major observations."

## ⇒ KEY OBSERVATIONS ⇐

### 1 CO<sub>2</sub> ENTRANCE TESTING EQUIPMENT

Vessel did not have portable or personal gas detectors capable of testing the atmosphere of enclosed spaces for Carbon Dioxide (CO<sub>2</sub>) as required by IMO Resolution MSC.581(110).

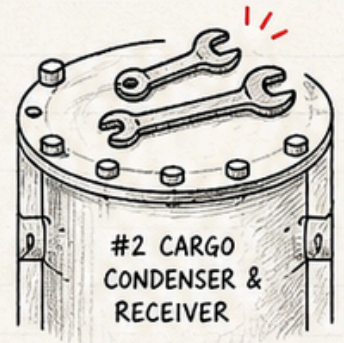


#### Lesson Learned

- Verify compliance with latest IMO requirements.
- Track critical safety equipment requisitions until delivery.

### 2 POOR TOOL HOUSEKEEPING

Two wrenches were found placed on top of the #2 cargo condenser and receiver in the cargo machinery space.



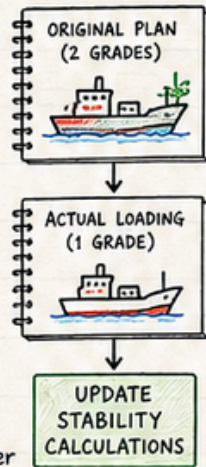
The wrenches were removed and properly stowed after being highlighted.

#### Lesson Learned

- Tools must be returned after use.
- Area inspections should identify loose equipment.

### 3 STABILITY CALCULATIONS NOT UPDATED

Stability calculations were prepared for loading two grades simultaneously. However, vessel was loading only one grade for about 8 hours and amended stability calculations were not prepared.



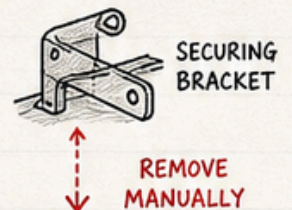
Amended stability calculations were prepared prior to the completion of the inspection.

#### Lesson Learned

- Update stability calculations whenever cargo operations change.

### 4 EMERGENCY TOWING PREPARATION

The aft emergency towing wire was secured by a bracket which required manual removal prior to deployment.



The deployment instructions posted on the pickup gear storage box did not include the removal of this bracket.



#### Lesson Learned

- Emergency equipment instructions must reflect actual deployment steps.



### INSPECTOR'S GENERAL IMPRESSION

The inspector was practical and reasonable throughout the inspection and did not go into excessive detail unless required.

Strong focus on:

- |                       |                              |
|-----------------------|------------------------------|
| ✓ Documentation       | ✓ Enclosed Space Entry       |
| ✓ Bridge Preparedness | ✓ Hot Work Controls          |
| ✓ Cargo Operations    | ✓ Safety Equipment Readiness |

### TAKEAWAY

Most observations were not equipment failures — they were procedural and verification gaps.



### TO KNOW MORE

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