

COS SAFETY SHARE

WHAT WILL WE DO TO PREVENT THIS FROM HAPPENING HERE?

Corrosion Results in Door Coming Off Aluminum Container

What happened?

An aluminum container used to transport tools and gear to work locations was loaded on vessel. While offshore during operations, an employee was in the process of opening the door of the container and the welds on the hinges failed causing the door to fall off and land on the deck of the vessel.

This incident was considered a drops incident. There were no personnel in the area of the drops.

What went wrong?

The doors on the container can be difficult to open and the hinges, while correctly rated for the application, may see additional stress leading to early failure.

Why did it happen?

The inspection process/procedure was too vague and did not identify clear failure points or consistent time intervals for inspections. The container was visually inspected 6 months prior to the incident but there is no record of a visual inspection prior to the container being placed on the vessel.

What areas were identified for improvement?

Corrective actions:

- 1) Inspect the integrity of the hinges on every aluminum container utilized. The inspection will include non-destructive testing/dye penetrant (NDE) or other method to detect wear and/or failure on a 2-year schedule.
- 2) The containers will be inspected with the eyebolts pull tested every year by a third-party certification company. The certification company will also conduct visual inspections of the hinges during those inspections annually.
- 3) The person in charge or designated employee will perform visual inspections on all aluminum containers in inventory on a planned routine schedule and specifically the door hinges will be inspected prior to the container leaving for a job. The standard operating procedures will or have been updated to include the corrective actions noted.

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