Safety Alert

Number: 17-12
Subject: Dropped Object Whilst Re-Positioning Cargo

Published: 25/09/2017
Identified causes:
- Left side grating:
  - one clip was correctly fitted
- Right side grating:
  - all four clips were loose
  - One clip was bent
Looking at things differently
Lesson learned – Type of fastening

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  - Left side grating:
    - one clip was correctly fitted
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Lesson learned – type of fastening

https://www.youtube.com/watch?v=IKwWu2w1gGk
Lesson learned – type of fastening
Lessons learned – tank height
Lessons learned – forklift pockets

Steel

Stainless steel
Lessons learned – Loose objects

Stainless steel slings (4mm)
Lessons learned – manhole cover
Peterson Safety Large (PSL)
UN T7/T11 Offshore chemical portable tank

LESSONS LEARNED

loosening rust plates
Standard steel forklift pockets, resulting in loosening rust plates

loose objects
Non-secured dustcaps, resulting in leaving behind loose objects

manhole cover requiring tools
Expensive (EX) tools required, risk of damage to gaskets and leakages due to much force

poor visibility
Poor visibility of tank identification number and dangerous goods safety signage

Leakage
Loosening nuts, resulting in possible high potentials (incidents) such as dropped objects and spillages

WE HAVE

stainless steel forklift pockets
Prevents rust and thereafter loosening rust plates (dropped objects)

loose objects prevention
All caps are secured with 4mm stainless steel slings, preventing the potential of leaving behind loose objects

6-point hand fastening man-lid
Requires no tool and reduces the potential of leaving behind “loose objects”

Enhanced visibility
Better placard brackets and contrasting colour scheme to enhance visibility of tank identification number and dangerous goods safety signage

Self-locking bolts
All bolts and nuts connection are self-locking. Preventing loose objects and potential leakages

TRUST WELL PLACED
Peterson Safety Large (PSL)
UN T7/T11 Offshore chemical portable tank

No need to work at height anymore, any “loose objects” can be spotted easily.

**Capacity:** 5000 ltr.
**Width:** 2.44 mtr
**Length:** 3.00 mtr
**Height:** 1.79 mtr
**MGW:** 12,000 kg
**Tare:** 3,400 kg
**Payload:** 8,600 kg

DNV2.7.1. / British standard EN12079 Certified
PSL and PSS tanks

Available in
- **PSL** (Peterson Safety Large)
  - 5100 litre capacity
- **PSS** (Peterson Safety Small)
  - 3000 litre capacity

https://www.youtube.com/watch?v=LV6WmzVn_M4

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