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# **Dropped Object Management**

**Key Learning's from Recent Inspections** 

# Key Learning's from recent inspections

- > Select the correct securing devices
- > Function requirement at heights
- Requirements to our supply chain
- Housekeeping An important barrier
- Pre During & Post inspections of work sites





# SWIFT RIGHT West Navigator Libral Constluctor

Recurring findings during inspections:

Porte Connections

Frod Lights - Light ix. S

Varve Handles

Galvar & Corosion

Two pal Shackles

Secondary Retention. - Component and Work Practices.

Gratings - Opening and feedthings

Railings and physical barries - no pos and platforms

Rigging - lifting equipm ant



# Incorrect use of securing devices:

Top of the mast:

gauge is fastened with a key

ring.

Install Nord-lock washers on all bolts. The u-clamps for the antenna When installing Nordon the top of the mast are not New Nordlock lock washers the DOS secured. One Nord-lock washer **Drilling** washers are manufacturer guidelines 13 is installed. Mast installed by the must be complied with. The Nord-lock washer is 0 inspector. Reference to Nordlock installed against a regular assembly instructions: washer. This is not a http://nordlock.no/default.asp?ur recommended use of the Nordlock washers. Remove the key ring and Top of the mast: install a four part shackle Installed DOS shackles, and re-Drilling on the safety wire. The safety wire on the wind Mast secured by the

Good Intentions - Various Results

Ref. SfS DOM p. 94-95,

with further references.

inspector.



#### Incorrect use of securing devices

Plastic light fixtures, geneal:

Secondary rete con wint on fixtures are enchanged with a key-ring me load wact on his attackmen will far exceed a capacity of the key ring – an plastic anchor point - in he principly attachment fail. The entire fixture body is along question as it is made from plastic.

This problem as several potential problem as:

acks, due to long term

Considerably less impresistance (cractions and damoperations and damoperations on till corrections of the correction center the key-ring).

Recommend to install clame around the light fix res in the drilling

Scure the clamps to the structure with correct dimensioned sectring equipment

Thin is expectly in polarity and light from the drilling mass.

Ref. SfS DOM p. 60-61, with further references.





ence the key-

Mast and

Drill floor



# Securing aloft

Home made to ecuring – better than nothing

- Constant Policy Constant Poli

  - **Esciape**
  - ✓ madegurite inspection and verification standar



# Securing tools aloft



- > Three action twist lock system
- ▶ Drop test certificate 10kg, 2 meter x 5time
- > Total traceability
- > SWL and Batch numbering



## Reliable Securing

# **Optional or mandatory?**

Pro-active or Re-active

- >Integrated barriers
- > Metal nobilities
- > Quality of securing devices
- > Installation according to best practices
- > Planned maintenance
- > Established inspection routines
- > Follow up and Support!



# Reliable Securing

New constructions - Not in compliance

FAT + Punching + Source Inspections

"See to duty" - Ownership on the floor

Onsite training - Follow up and Support



# Reliable Securing

Do YOUR personnel know enough about reliable securing?

Does your engineers and designers consider DO potentials in all aspects?

Is the available information distributed and made known to the relevant personnel?

# Focus throughout the Value-chain





