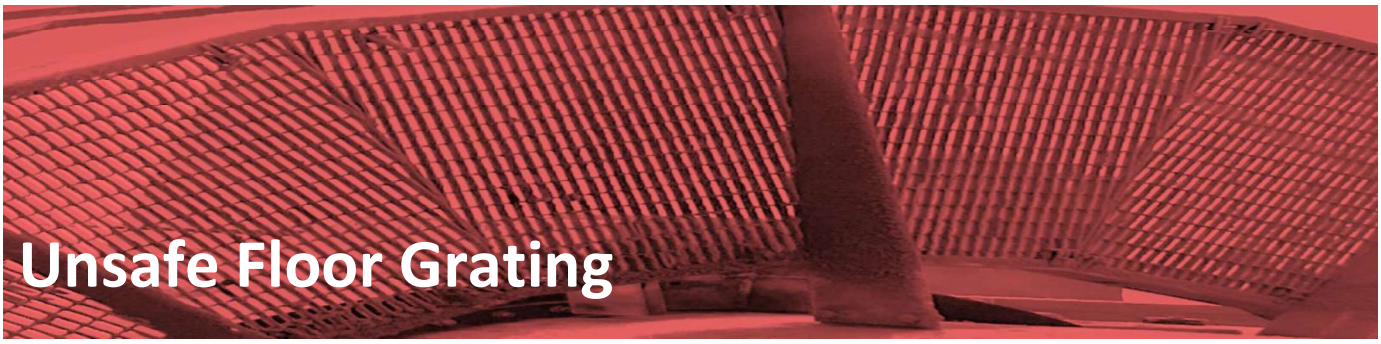


Unsafe Floor Grating

Safety Alert

The Facts

The HSE Energy Division – Oil and gas & wind generation recently issued Safety Alert (ED1-2023) stating the following:

"Sections of polymer floor grating systems, used on offshore oil and gas platforms, vessels and wind generation installations, can become dislodged. Workers and others are at risk of tripping on unsecured flooring or falling through the subsequent hole".

Outline of the problem

Investigations have revealed that fasteners used to secure the polymer grating flooring sections have not been installed or positioned as per the original equipment manufacturers (OEM's) guidance, or in line with industry good practice.

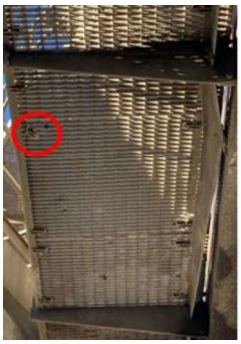
Action required (from Offshore / Wind Turbine Installations)

1. Identify where grating systems are used

Duty holders and employers should identify all areas of grating systems across installations and workplaces.

2. Prioritise safety critical areas

Prioritise safety critical areas such as escape routes and carry out a suitable and sufficient review to ensure they are safe to use. This should include but not be limited to ensuring they are installed in accordance with the original equipment manufacturers (OEM) instructions for the use of fasteners.



The Solution

Forth Ports' infrastructure, plant and equipment shares similar design traits to offshore platforms including grating. Due to a recent event involving a high potential dropped object which grating dislodged and fell within a ships hold, Forth Ports would like to raise awareness of the risk posed by loose grating.

Advisory Forth Ports Actions

Review grating integrity and securing mechanisms on all plant, equipment and infrastructure that have grated/mezzanine areas (regardless of grating material):

1. Ensure all grating is appropriately secured without tripping hazards. Critically review grating secured at height.
2. Ensure adequate, secure tack/run welds on grating (including on any repaired areas).
3. Existing clip arrangements are suitable and sufficient.
4. Addition of grating security checks to preventative maintenance regimes and pre use checks.

Key indicators for grating failure:

- Movement of grating
- Clips missing, hanging, or on the floor
- Lack of uniformity/Evidence of repair.

Awareness of the danger posed by loose grating is critical to incident prevention. When working on any grating platform, all employees are urged to undertake a visual check of the grating and securing mechanism before a task commences.
If the platform is loose, unsecured or unstable, STOP the job immediately and inform your Supervisor.

SAFETY F1RST: Let's make injury unacceptable in the workplace.

Issued on behalf of Forth Ports Limited by:
Health Safety and Environment Department

*Please remove from notice board after 1 month

Minimum briefing to be ticked:

Management		Supervisors	
Operations		Engineering	
Admin		Marine	
All Employees	✓	Noticeboards	✓

SAFETY F1RST