

Drop**safe**®



Drops Prevention Technology

Case Studies

Dropsafe at Work



**Professional.
Reliable.
Secure.**

dropsafe.com

Case Study: Net

Dropsafe prevents potentially serious incident during crane operations.



What happened?

During lifting operations on a drill ship the load unexpectedly swung hitting a floodlight above the drill floor, breaking the light support. A previously installed Dropsafe Net securely retained the light preventing a potentially serious incident.

Case Study: Net

Dropsafe prevents fixture and components becoming a potentially serious dropped object incident.



What happened?

During lifting operations a crane boom light collided with an access ramp, breaking the mounting base and shattering part of the fixture. Fortunately the light had been fitted with a Dropsafe Net the previous day, which stopped both the fixture and the shattered components falling, preventing a potentially serious dropped object incident.

Case Study: Net

Dropsafe retains a down light that broke away from its mounting bracket, preventing a potentially serious incident.



What happened?

During maintenance an electrician found that one of the explosion proof lights had come away from its mounting bracket. Jarring operations were conducted the previous day which may have caused the mounting bracket failure. The light had been installed with a Dropsafe Net, which contained and tethered the fixture preventing a potentially serious incident.

Case Study: Net

Dropsafe Net contains light fixture component which could have resulted in a serious on board incident.



What happened?

During a routine inspection it was discovered that a light mounted high up in the structure had a detached lightshade and impact guard due to corrosion on the fixture. The Dropsafe Net fitted to the fixture contained the loose items, preventing them dropping from considerable height.

Case Study: Barrier - Power Generation

Dropsafe Barrier mitigates dropped object risks during essential maintenance operations at one of Asia's largest coal fired power stations.



What happened?

In order to ensure the safety of technicians working at height as well as those working beneath, it is imperative that measures are taken to mitigate dropped object risks. This is especially critical during maintenance operations when there is a dramatic increase in the number of personnel and equipment on site.

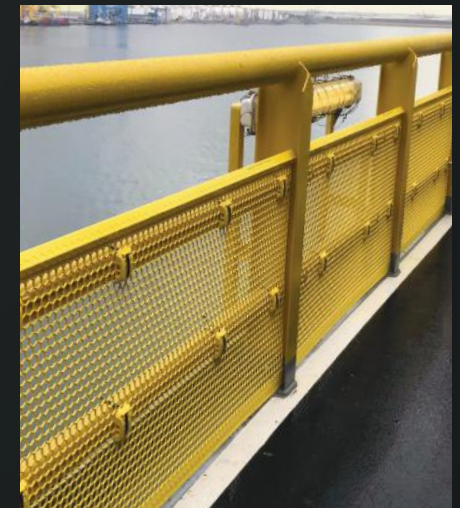
The installation of several thousand metres of Dropsafe's Barrier system at one of Asia's premier power company's flag-ship facility was not only quick to install and cost effective, but also tackled a major safety risk within the industry.

While the initial plan was to install the system covering maintenance periods, the customer later opted to keep the system in place permanently due to its robustness and long-term durability.

This introduction has encouraged other companies to follow suit, comprehensively mitigating the risk of dropped objects and setting a benchmark amongst all power generation businesses.

Case Study: Barrier - Offshore

Dropsafe's Barrier system prevents dropped objects on drilling rigs from falling thus mitigating the threat to personnel safety and preserving the integrity of drill floors.



What happened?

The dynamic environment and wide variety of tools and items used in offshore drilling lends itself to a greater likelihood of dropped object incidents within the industry.

One major drilling contractor's drive to create a "Zero Incident" environment and establish a world-class Drops programme, installed over 700m of the Dropsafe Barrier panels on a flagship vessel.

The installation focused on red zones and areas with a greater risk of drops, such as above the drill floor, around the drill pipe deck, along

the pipe skate and riser crane walkways, and on transfer decks.

The successful installation of the robust Dropsafe Barrier panels on this flagship drilling vessel was so effective that it has become an integral part of the company's HSE strategy; the Barrier is now the recommended and preferred solution for dropped object risk mitigation across the entire fleet.

Custom Project - Formosa I Offshore Wind Farm Net

Dropsafe designs and installs custom net for offshore renewable energy project.



What happened?

Offshore wind developer Formosa Offshore Wind have adopted Dropsafe technology across 20 Siemens Gamesa Turbines at the Formosa I wind farm in Taiwan.

Formosa have taken an industry-leading approach, having Dropsafe engineer a bespoke net design, made of SUS 316 Japanese stainless steel. The nets, each measuring more than 20 metres long, have been installed between the external landing platform and the Tower of the SWT-6.0-154 turbines to prevent potential dropped objects from falling into the sea.

Custom Project - Jack-up Leg Net

Dropsafe engineers antipiracy nets for jack-up rigs off the coast of Nigeria.



What happened?

Dropsafe was approached by a premier International Drilling contractor to design and manufacture a range of large security nets.

Dropsafe's world-renowned mesh safety solutions and their reputation for creating high-quality custom-designed products is unrivalled in the offshore Oil & Gas industry. The large security nets, measuring over 70 square meters, are located on the jack-up legs of the rig to protect the integrity of both rig personnel and equipment.

This is a new solution for offshore Oil & Gas to improve industry safety and security standards.

Protecting Your People

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