



ACCUMAX
SOLUTIONS

BARRIERSafe



Images for illustration purposes only.

Case Study: Dropped Object Prevention

The Problem Identified

Where humans are involved, there will be risk of human error. Dropped objects unfortunately are a common occurrence throughout worksites, coming at a cost of serious injury or death.

In Australia, 9% of workplace fatalities in 2022 were due to being hit by a falling object. According to Safe Work Australia, that converts to 16 deaths from dropped object incidents, each incident costing \$23 million in compensation.

Personnel safety is the priority, whilst the integrity of equipment, reputation of the company and its financial performance are also impacted.



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GLOBAL

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Case Study: Dropped Object Prevention



* According to Safe Work Australia, 2022

The top causes of dropped objects are:

1. Improper risk assessment, the failure to identify hazards that could become dropped objects.
2. Human factors, these cause nearly half of all dropped object incidents.
3. Inadequate procedures, including poor planning and no management of change.
4. Poor housekeeping often are hazards that remain from prior tasks.
5. Collisions and snagging, caused by moving and travelling equipment.
6. Insufficient inspection and maintenance, ignoring conditions deemed to be unsafe.
7. Redundant or neglected equipment, equipment that is not certified or a quick fix.
8. Inadequately stored tools and equipment, the storage and securing of equipment is essential.
9. Failed fixtures & fitting, failed fixtures can have fatal consequences.
10. Environmental factors, harsh weather can compromise stability and security of equipment.



Dropped objects can occur for several reasons. Whilst it is preferred that they are prevented in the first place, it is also essential that measures are taken to mitigate the risk of serious injury or death.

With dropped object prevention being a safety measure for all worksites, Accumax are on the forefront with the BarrierSafe product providing the solution for stairways, walkways, and raising working platforms on any worksite.

Case Study: Dropped Object Prevention

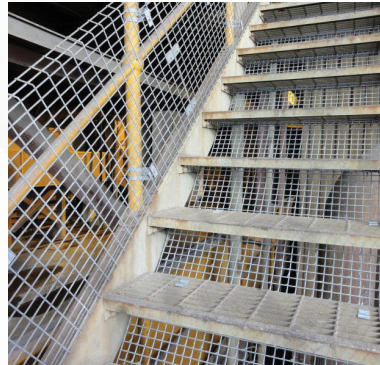
Accumax, the Provider by Choice

The BarrierSafe Dropped Object Prevention product range includes:

BarrierGuard, for installation along handrail systems.



BarrierStep, for installation on stairways and paired with BarrierGuard.



BarrierTread, for installation on an existing grid floor.



The product range provides fast and flexible solutions for a site's safety needs. Site surface preparation is not required as the system is fitted to existing stanchions; this also makes the system easy to remove to provide vital access to areas for maintenance works.

Developed and designed in Australia, the product is manufactured to withstand the harshest of regional climates.

What Others Are Saying

Company: FMG

Location: Pilbara, WA

Employees: Estimated 1,500

Product Mine: Iron Ore, 180 MTPA

With safety and family being their core values, the partnership with Accumax ensures their people are safe and risks are mitigated across their sites.

Accumax Global visited the site and assessed the needs and areas of concern regarding the risk of dropped objects.

Compliance to Australian Standards and Engineering Standards was an area of concern for the Engineering team, however the BarrierGuard product received positive support once understood that it exceeded these safety standards.

Accumax have successfully supported the FMG teams with over 800m (plus more to come) of BarrierGuard from the BarrierSafe range for installation at multiple sites.

Testimonial

“ We have installed BarrierSafe in some locations and I have had positive feedback from the installers. All in all, I am very happy with the product, ease of installation and with your assistance in helping us. ”

- Maintenance Supervisor,
Fortescue Metals Group

Case Study: Dropped Object Prevention

Company: Rio Tinto

Location: Pilbara, WA

Employees: Estimated 100,000

Product Mine: Multiple Sites

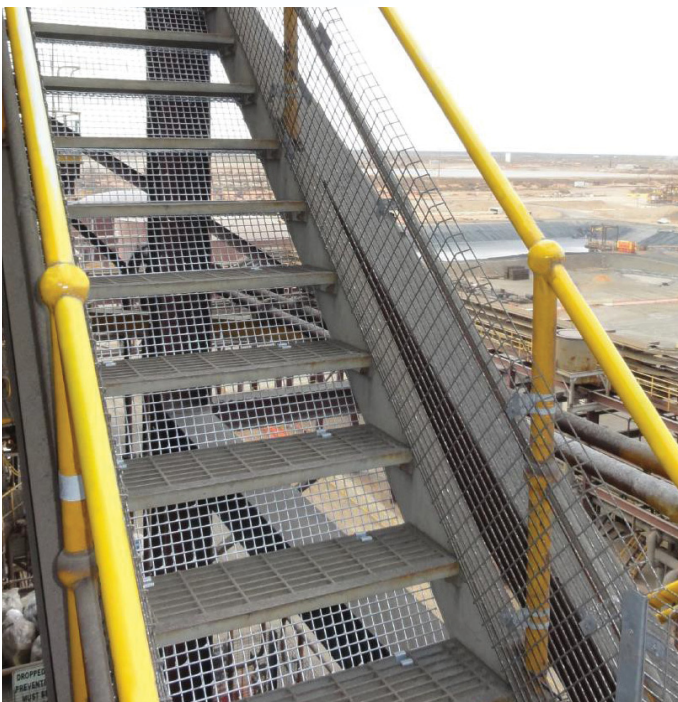
Rio Tinto approached Accumax Global to help with a solution for dropped object prevention for their sites. After multiple site visits to Rio Tinto's mine site locations, our team successfully provided the BarrierGuard product as a perfect solution for dropped object prevention along the conveyors onsite.

Over 2000m of Barrier guard has been installed at multiple Rio Tinto sites.

Testimonial

“ Accumax have gone the extra mile to support us in finding a great solution. The versatility of the Barrierguard system has been a winner for us. To be able to be use for either permanent or a temporary situation, like a shutdown, is brilliant. The ease of install also makes it a very suitable solution. ”

- Mechanical Engineer, Rio Tinto



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