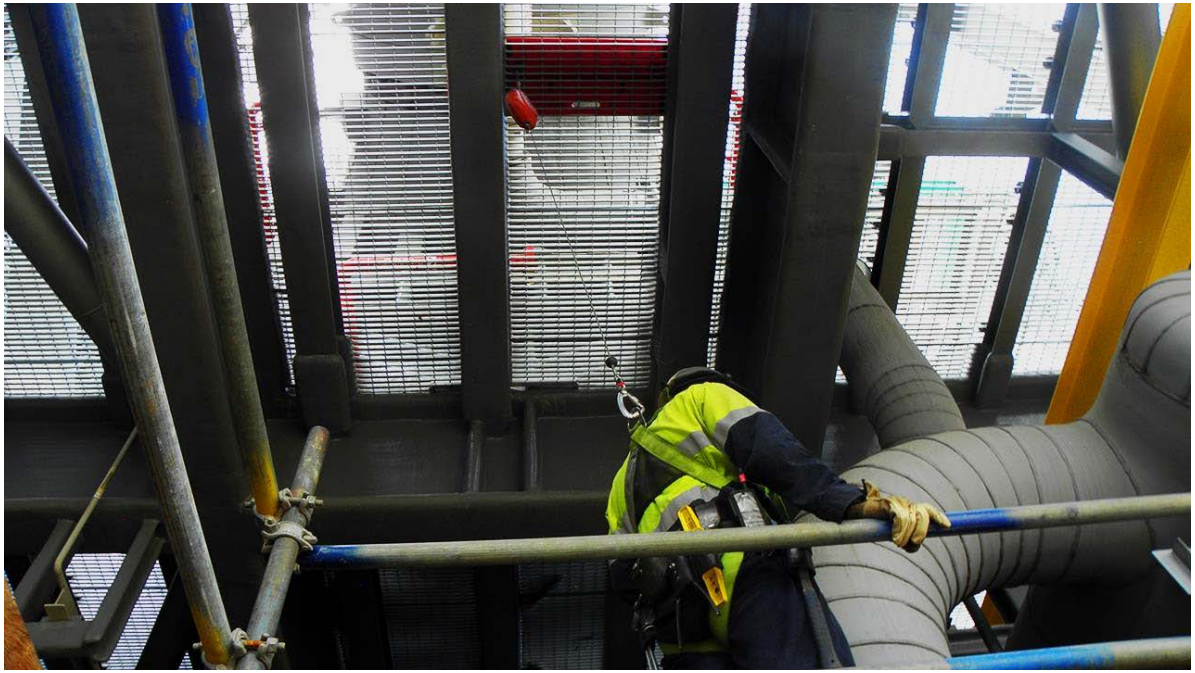
GRIDMESH ANCHOR

A new concept in fall protection for grid mesh covered structures



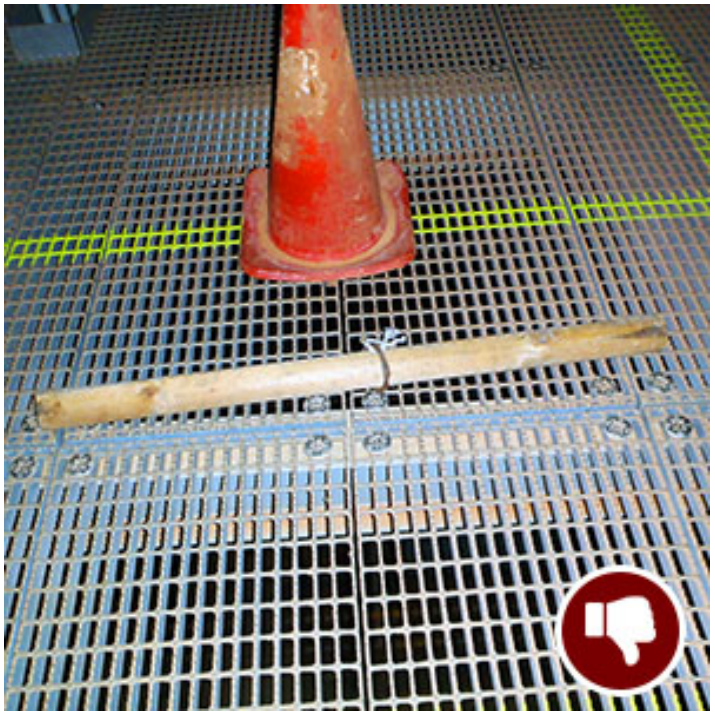
What is the Gridmesh Anchor?

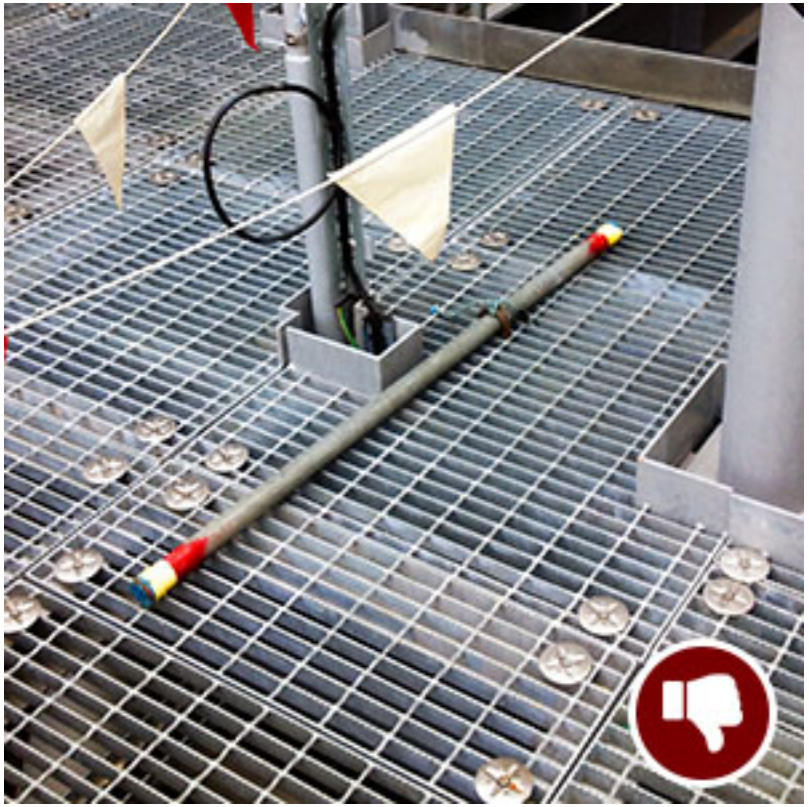
A fall protection device specifically designed to be used over grid mesh covered structures where maintenance is required and access is difficult

GRIDMESH ANCHOR

Why is the Gridmesh Anchor needed?

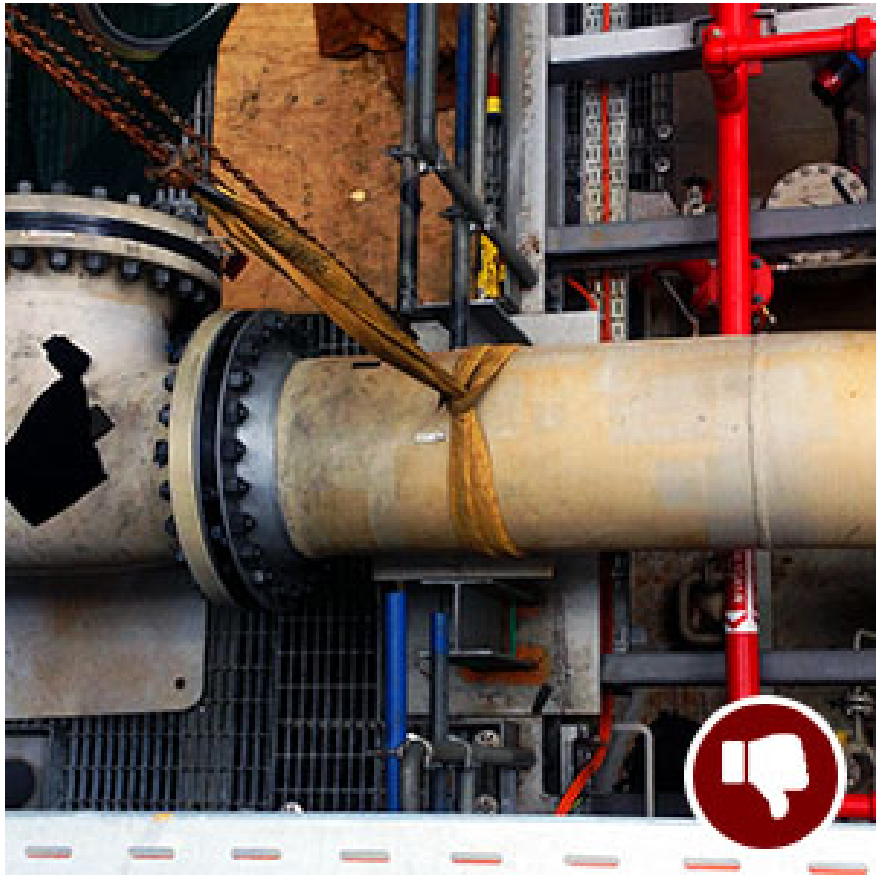
Too often, people set temporary anchors that are potentially unsafe or in some cases downright dangerous.....

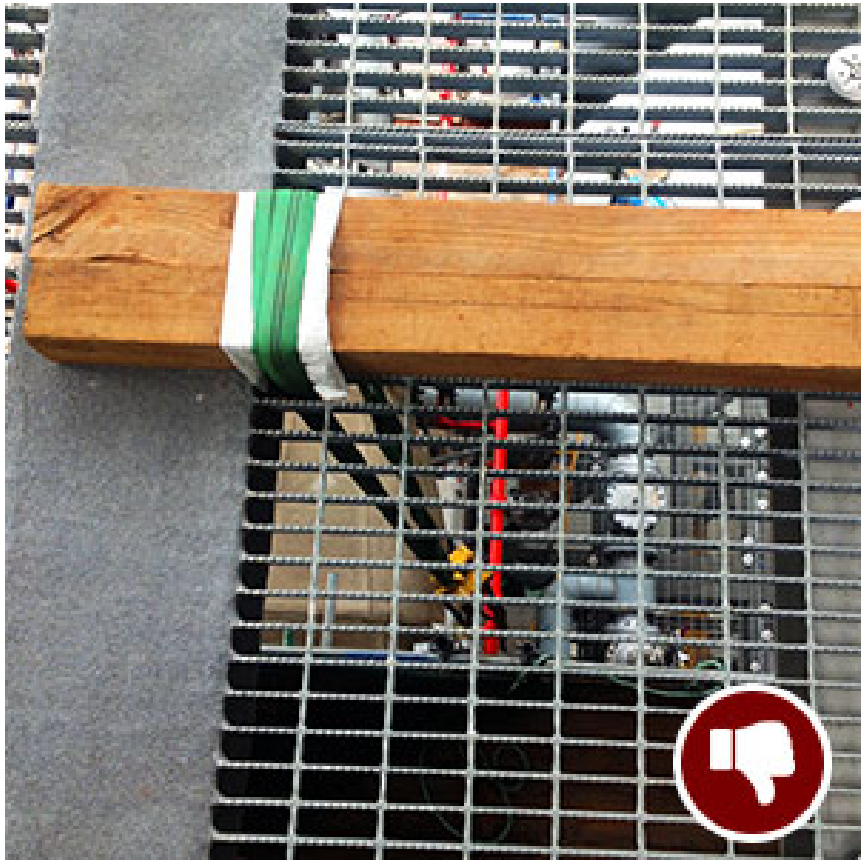




GRIDMESH ANCHOR

Unsafe rigging practices





GRIDMESH ANCHOR

The Gridmesh Anchor provides a practical, rated solution

- Set between two steel floor joists up to 1200mm apart, the Gridmesh Anchor transfers the force of any fall load into the structure and not into the mesh.
- Rated for 22.2kN (5000lbs) 2-person fall arrest and rescue**
- ** Note: Utilise chart in user manual to assess capacity of steel structure to be used with this product

GRIDMESH ANCHOR

Why use it?

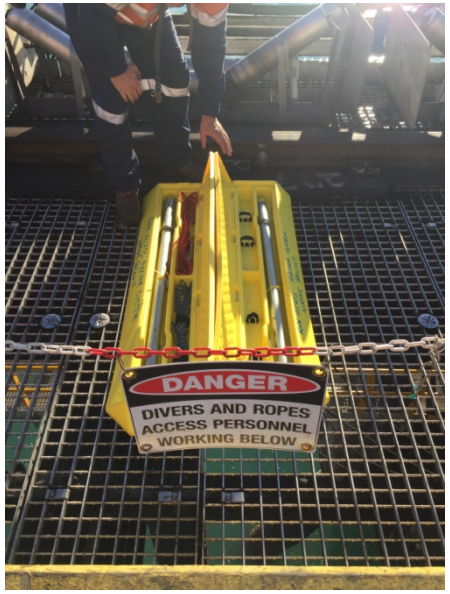
- No exposure to a fall risk to install the Gridmesh Anchor;
- The Gridmesh Anchor is quick and easy to install – two people can install the Gridmesh Anchor in less than 10 minutes;
- No need for personnel to use an EWP at height to install anchor systems.**

** Two personnel can install an anchor point in roughly 1.5 – 2 hours from an EWP if they have clear access. It will also take the same time to remove and you also have the cost of the EWP to rent/hire;

GRIDMESH ANCHOR

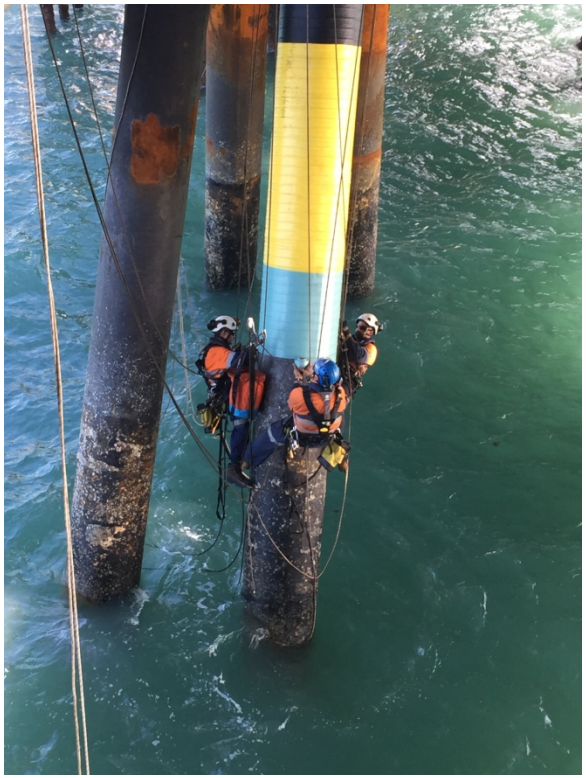
Why use it?

- It reduces the exposure for rope access personnel in working at height to install anchor points in hard to get to locations.



Rope access personnel trialling prototype Gridmesh Anchors

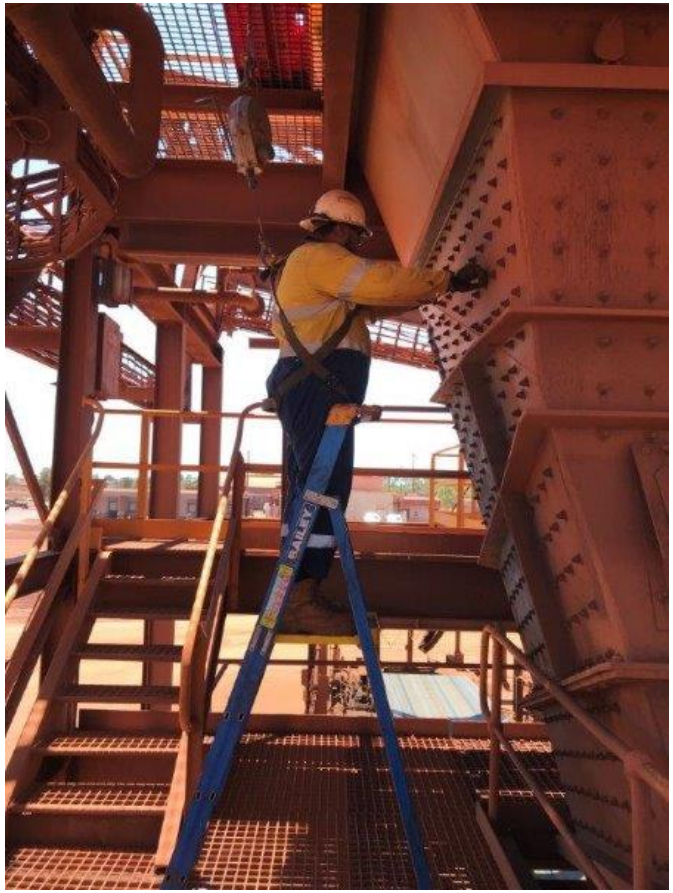
- Can be used by rope access personnel for an anchor point. This makes the time they have to work on a job much greater as there is less set-up time.



GRIDMESH ANCHOR

Key features and benefits

- Reduces the potential for personnel to use anchors that have not been installed correctly.
- The Gridmesh Anchor can easily be set up above ladder access points for safe ascending and descending of ladders;
- By installing the Gridmesh Anchor directly above the intended work area, this enables operators to work effectively in fall arrest as soon as they need to leave the ground.



GRIDMESH ANCHOR

Key features and benefits

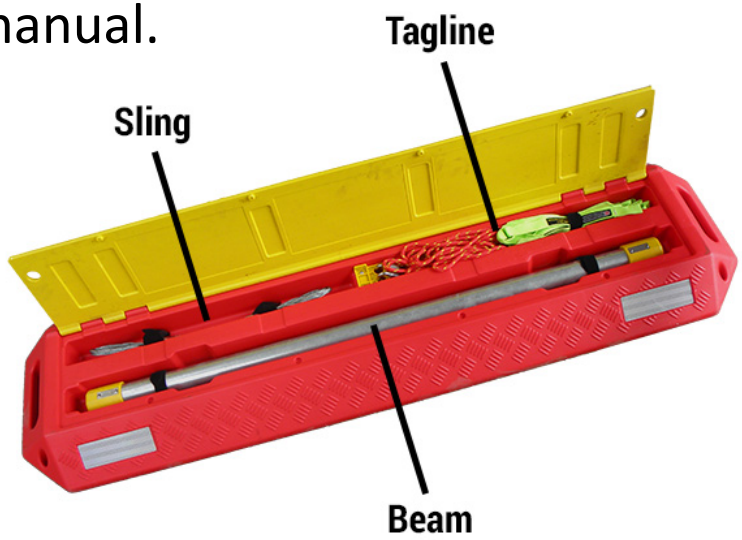
- Can be quickly and easily be installed for a rescue at height – the rescuer can connect to the same anchorage point if required.

- Proven practical device for use in confined space rescue
- Can be used anywhere you have grid mesh with adequate substructure .

GRIDMESH ANCHOR

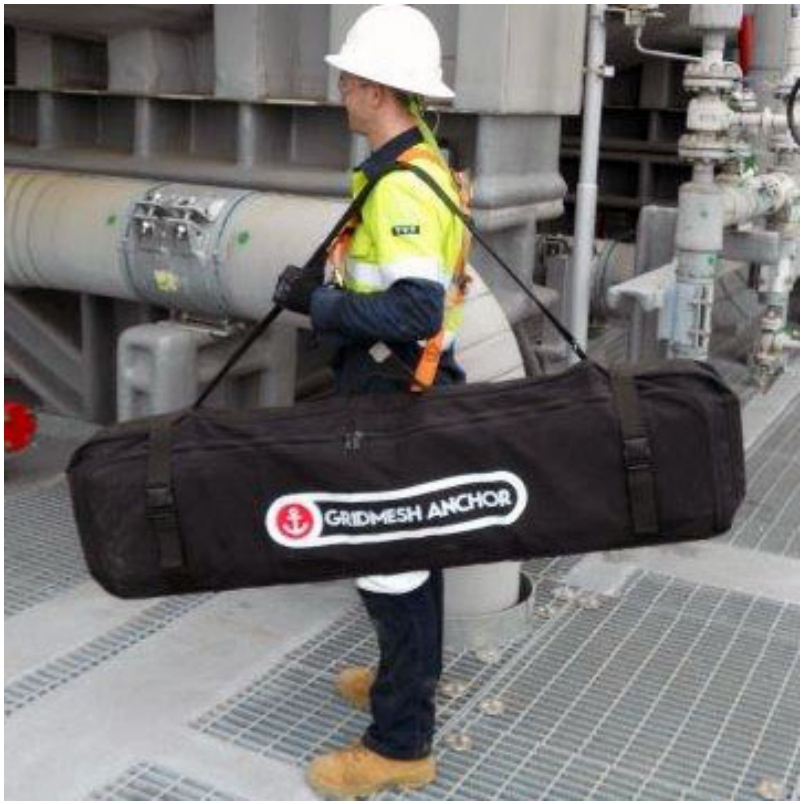
Other features and benefits

- Weighs only 21kg – easily handled by one person
- Light-weight, UV and chemical resistant, high-density polyethylene case to provide extended product life, low trip hazard, high visibility colours
- Carry bag to contain all components and prevent loss of equipment
- Key components (anchor beam and wire sling) are marked with serial numbers for easy inspection and identification
- Step by step illustrations showing the installation process are provided in the user instruction manual.



GRIDMESH ANCHOR

How do I deploy the Gridmesh Anchor?



Step One:

- Using the storage bag, carry the Gridmesh Anchor to the desired location. Ideally there will be a user at the top of the structure to set the anchorage on the mesh and a user below the mesh to arrange connection to the equipment from below.

GRIDMESH ANCHOR

How do I deploy the Gridmesh Anchor?

Step Two:

- Open the storage bag and lay the GMA base onto the grid mesh walkway area. Be sure to align the load points of the GMA onto a location immediately above the structural members supporting the walkway. This may require placing the base diagonally to the direction of the mesh slots.

GRIDMESH ANCHOR

How do I deploy the Gridmesh Anchor?

Step Three:

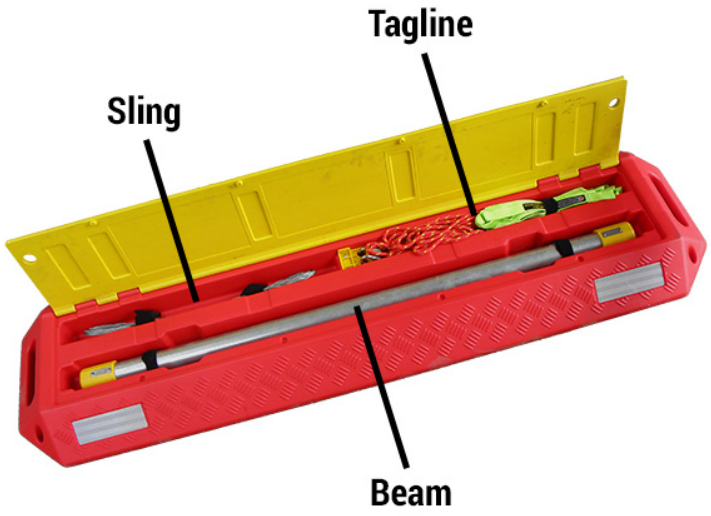
- On structures where there is high wind, ocean swell or moving equipment, it may be appropriate to secure the GMA to the structure with rope, tool lanyards or other appropriate fastening to prevent it from moving.

GRIDMESH ANCHOR

How do I deploy the Gridmesh Anchor?

Step Four:

- Open the GMA lid and remove the tag-line rope, sling and support beam. Connect the end of the sling to the tag line.



GRIDMESH ANCHOR

How do I deploy the Gridmesh Anchor?

Step Five:

- Align the GMA such that the location slot for the GMA sits no more than 150mm from the supporting structure below the grid mesh.

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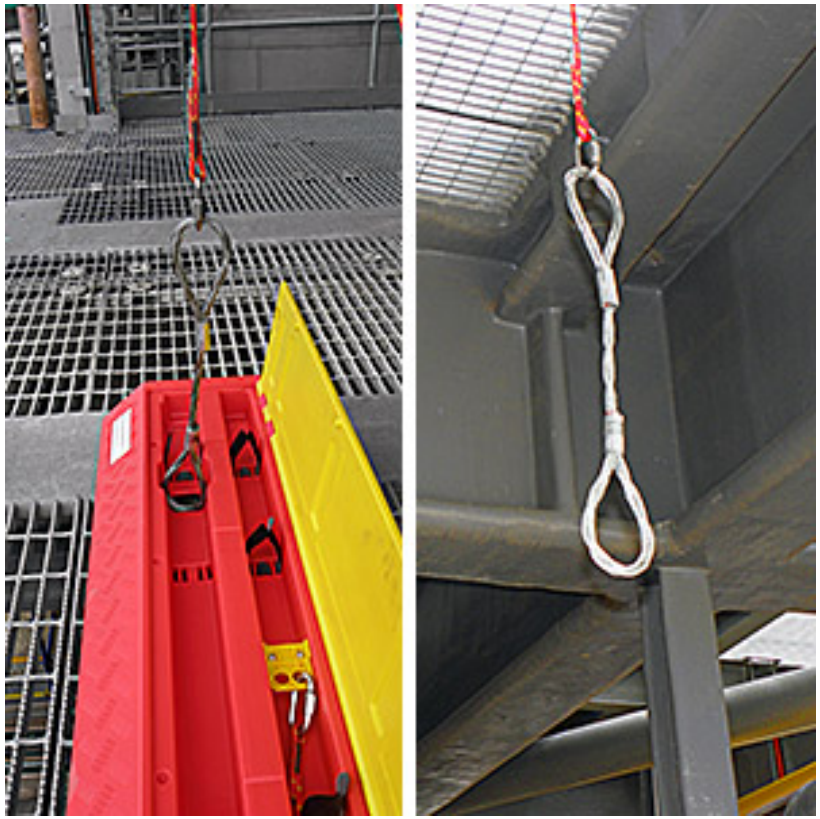

Step Six:

- Lower the rope tag line ‘sling first’ through the GMA base and the slot in the gridmesh. It may be necessary to squeeze the eye of the sling so that it fits through the mesh.

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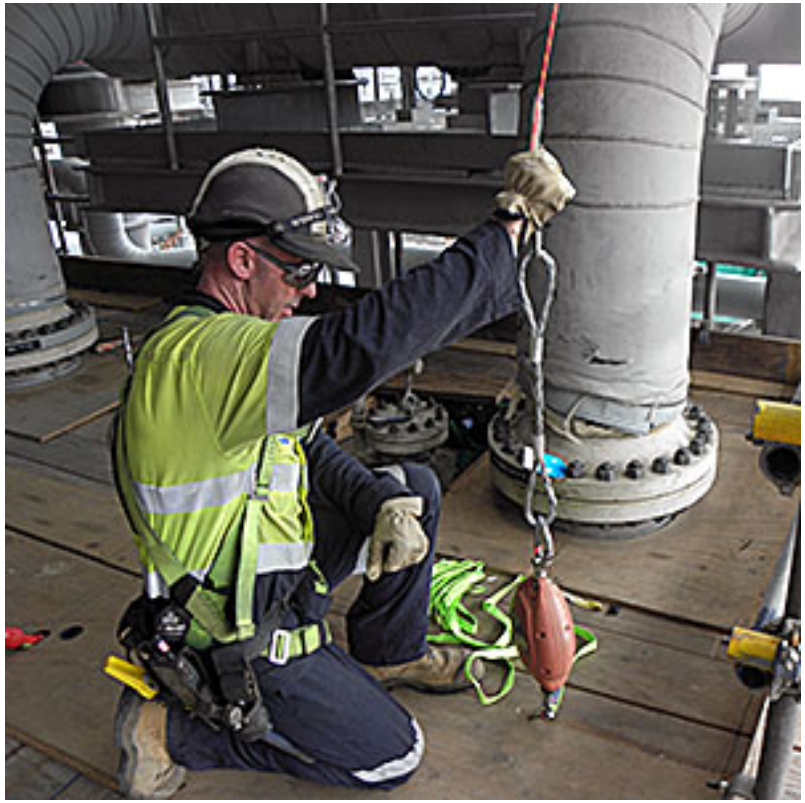

Step Seven:

- Once lowered, the worker below should connect a self retracting lifeline, rope or other device to be used for fall protection. They should also ensure a tag line is connected to the SRL to ensure the device is accessible once set in place.

GRIDMESH ANCHOR

How do I deploy the Gridmesh Anchor?

Step Eight:

- Raise the sling with SRL attached by hauling the connected tag line in reverse through the grid mesh, such that the end of the sling protrudes through the grid mesh and the base of the GMA.

GRIDMESH ANCHOR

How do I deploy the Gridmesh Anchor?

Step Nine:

- Slide the GMA beam end through the sling and slide into position, such that the beam can rest into its operating position within the GMA base. The SRL is now set for use.

GRIDMESH ANCHOR

How do I deploy the Gridmesh Anchor?

Step Ten:

- Once the installation is completed, the worker below the GMA will pull the tag line attached to the SRL and attach the connector to the harness.
  The worker is now ready to commence work.
- Pack up / de-commission by following same steps in reverse.

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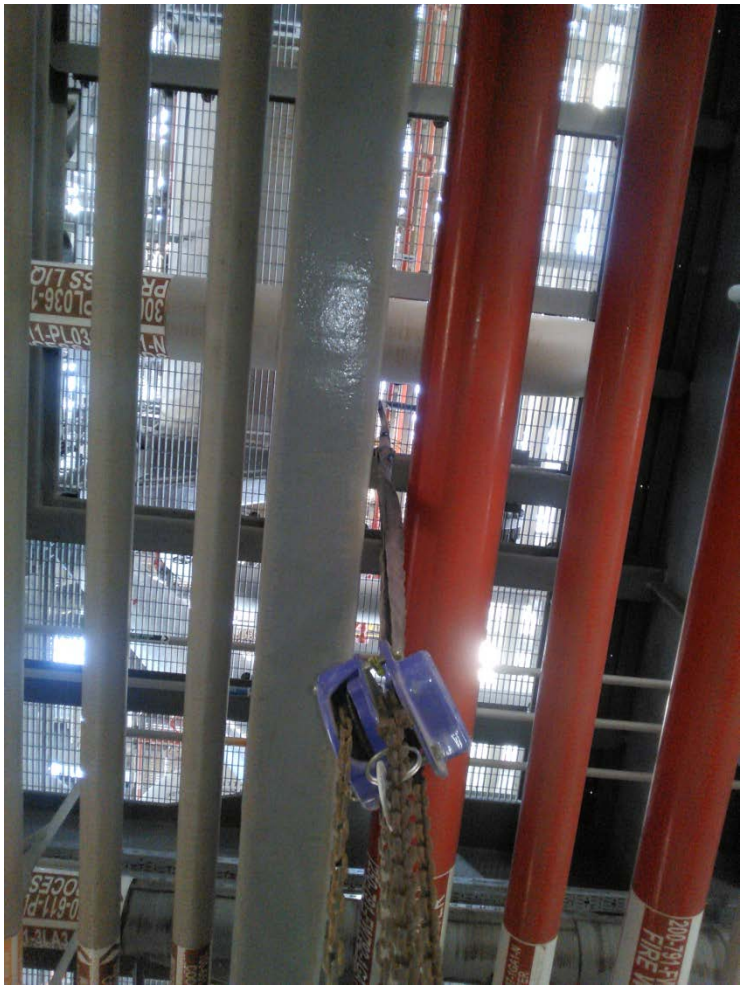
How do I deploy the Gridmesh Anchor?



Step Eleven:

- If the device is to be used for lifting purposes, replace the SRL with a chain block and remove step 10.

GRIDMESH ANCHOR

More information

- Available now from leading retailers
- Testing successfully to AS1418 as a mobile crane device for lifting materials - rated to 1.2 tonne SWL.

More details at:

www.gridmeshanchor.com or send a message to **sales@gridmeshanchor.com**

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