

Titan Arm Installation

The Titan Arm is designed to provide a safe anchor point over confined space access areas - the frame is permanently mounted and can be folded down when not in use.

Above ground tanks require a means of lowering injured personnel to 'safe ground' in a rescue situation - in most cases, the Titan Arm can be positioned to achieve both of these objectives.

In a rescue situation, a second certified or 'competently assessed' anchor point should be used to rig the safety line - this is then re-directed through the Titan Arm. The high rope angle achieved allows for efficient abseiling and lowering procedures to be carried out by trained personnel.

The Titan Arm comprises two main working components;

- The 'A' frame and rigging plate that joins the two legs together - this structure has a compression effect on the mounting area.
- The backstay leg is used to adjust the vertical angle of the 'A' frame - depending on the 'luff' of the rigging plate, it can have either a compression or an anchoring effect on the mounting area.

The 'A' frame legs should be fixed to a structural area that can withstand compression - this will most likely be the platform area surrounding the access hatch. The backstay leg should be fixed to a purlin or rafter mounted under the roof cladding, and be able to withstand an anchoring force if required.

The mounting feet can be rotated and angled to achieve optimum fixing to both flat and corrugated surfaces, without creating a 'trip hazard'.

The Titan Arm should be installed in conjunction with all vertical ladder systems - this will provide a safe anchor point for belaying or rescue procedures.