

# MAGNETIC POSITIONING AID

## FROM ABFAD LTD



- Rigorously tested during its development including by the TWI (The Welding Institute).
- Manufactured in the UK to the highest specifications from 316L stainless steel to ensure they can be used in extreme environments and are long lasting.
- All Magnetic Positioning Aids are tested at manufacture on 50mm thick steel plate and have a pull off rating of 355kgs or higher, giving them exceptional holding power.
- The magnets are permanently magnetised so they require no calibration methods with their use. They will remain magnetised for life unless damaged.
- Provides a clear advantage to productivity, increasing speed of work by stabilising the technician on any ferrous structure.
- The Magnet System is a positioning aid to allow mechanical activities to be carried out, it is NOT intended as a method of life support. Rope access techniques and lifting regulations must be adhered to with its use.
- The ideal solution for a number of other applications, particularly in the shipping and marine industry. As they're designed for use in harsh environments they can be useful for many activities all around the vessel. Such as attaching to other ships, attaching lines to and around the vessel, salvage operations and even underwater activities or inspections.

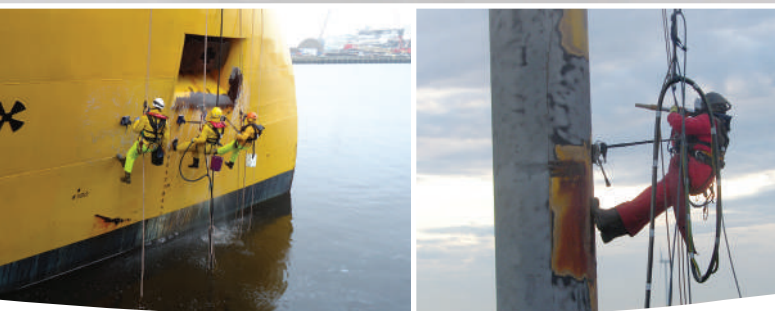
# Solving the stability issue for rope access

Using rope access techniques is the number one way of carrying out work on difficult to access structures and locations. When performing work on some structures the rope access technician starts to have a difficult time with stability when suspended by rope. Especially evident when performing tasks such as blasting and other mechanical activities, where the usual method of having to 'tie in' to provide the necessary support is difficult and impractical in a lot of cases.

Newtons third law of motion states for every action there is an equal and opposite reaction. This is witnessed in rope access when performing work and the force being applied by the activity pushes the technician away from the substrate they are working on, causing a problem.

The Magnetic Positioning Aid allows the rope access technician to securely lock and anchor themselves into place on any ferrous structures to counteract the forces which would push them away. Giving the stability needed to carry out the required work with confidence, safety and precision.

Our Magnetic Positioning Aid has been reliably developed and improved over the years since its conception in 1998 and its current form is its best yet. If looked after correctly this Magnet System can last for many years and provide many uses.



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