

IRATA Approved Rope Access Services Since 1996



ROPE ACCESS SERVICES/

- BLASTING / SPRAYING
- INDUSTRIAL CLEANING
- INSPECTION
- MAINTENANCE / REPAIR
- MECHANICAL ENGINEERING
- SAFETY COVER
- CONFINED SPACE RESCUE

Abfad Limited have been providing specialist services since 1996

Abfad Limited was established in 1996 supplying trade rope access technicians for Construction and Maintenance activities and developed services in specialist solvent free coating applications using plural component heated spray pumps.

In 1998 Abfad won its first three year contract within the Power Generation Industry and have maintained our services with subsequent contracts for PowerGen and then E.ON continuously for over 17 years within their Power Stations and CHP Plants throughout the UK due to our 100% safety record, working at height experience and our constant innovations saving money for our clients.

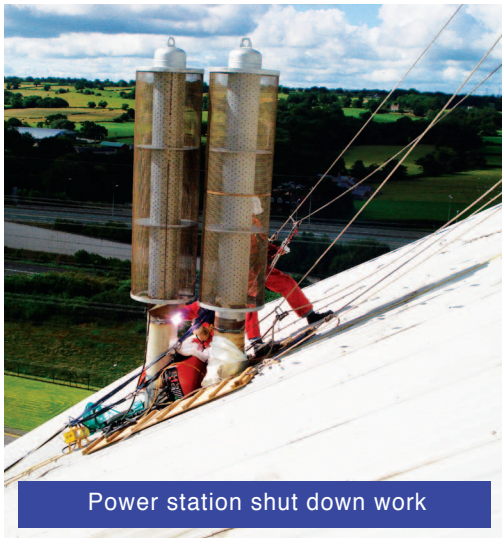
Abfad Ltd supply personnel with the ability to perform work to required specification. Abfad's Safety Supervisors are trained to the highest standards and will ensure Risk Assessments and Method Statements are provided and implemented for all work tasks.



Power station rope access services



Power station maintenance and repair



Power station shut down work



Emergency rescue and safety cover



Offshore rig inspection and repair

Abfad Ltd can provide the following services

- IRATA approved rope access services (All Abfad personnel are fully IRATA trained).
- Protective coatings (Abfad specialise in solvent free resin coatings).
- Inspection including UT and NDT.
- Mechanical engineering.
- Electrical cable pulling.
- Industrial cleaning using ropes for difficult to access areas.
- Emergency rescue and safety cover for confined spaces, tunnels, tanks, silos and working at height. (All Abfad personnel are confined space and defibrillator trained).
- Magnetic positioning aid for stability on ropes.
- Single and double skin lining system with class 1 leak detection as per European standard BS-EN 13160-7 with wireless data logging for tanks, pipelines and critical weld seams.
- Abfad use specialist Plural Component heated spray equipment for the application of solvent free resins.

Abfad Limited are accredited by and members of the following organisations



Providing innovative solutions for companies and industries

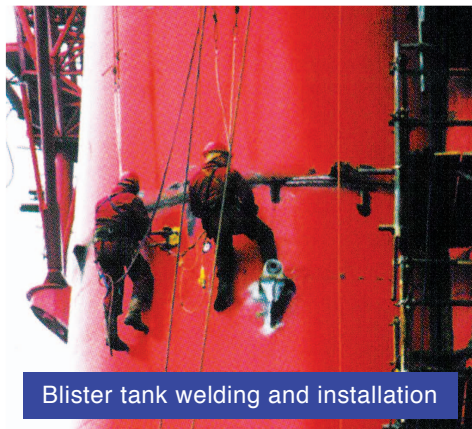
Abfad Limited is an innovative company who prides itself on providing solutions for clients and industries with major problems.

Over the years Abfad has been at the forefront of new developments and applications, for instance, developing patented systems and equipment or tools such as; Double Skin tank lining systems to protect and monitor storage tanks from corrosion; Underground tank access boards for safe access and egress to tank including being used as safe work platforms and permanent magnets used as positioning aids during rope activities.

Due to continuous issues with pipeline corrosion and maintenance, especially over vast distances, Abfad are now working on further research and development in relation to underground and above ground pipelines to enable the pipe to be vacuum pressure monitored. This could be over weld seam connections or over the whole surface of external pipelines. This system would reduce the need for continuous inspections of above ground pipelines as well as provide protection from corrosion.



Wind turbine blade inspection



Blister tank welding and installation



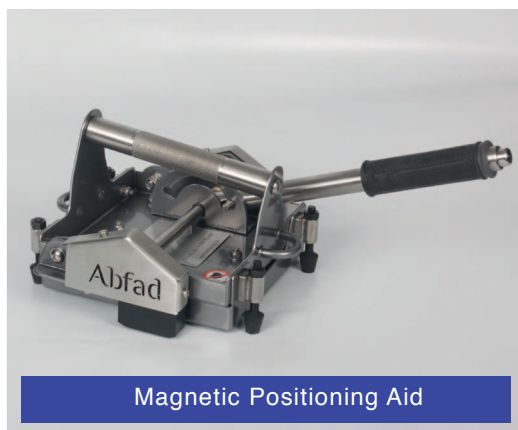
Offshore turbine protective coating



Pipe removal and installation



Blasting offshore turbine monopile section using Patented Magnet System



Magnetic Positioning Aid

Abfad Limited have developed and patented a Magnetic Positioning aid for better stability on ropes.

Abfad's patented permanent Magnet System has proven invaluable in areas that can only be accessed by rope but need a reliable method of moving the rope technician closer to the working surface and anchoring them securely to enable them to carry out any required work.

Check out www.abfad.co.uk for further details

Abfad Also Specialise In Solvent Free Storage Tank Lining Systems

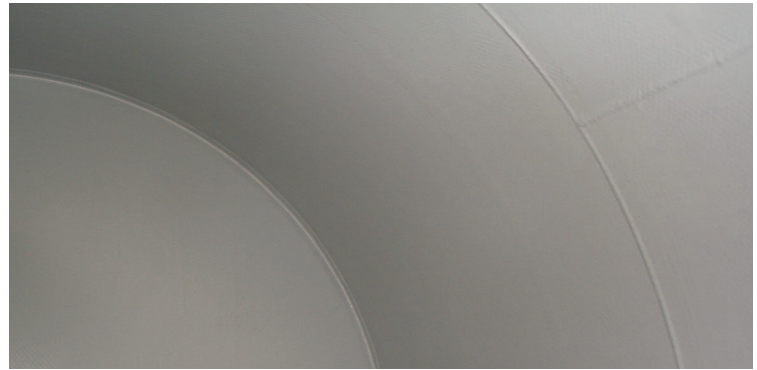
Abfad Ltd have developed a specialisation in protecting above and below ground storage tanks from the problems associated with corrosion including bacterial corrosion caused by bio fuels.

We can apply internal single skin coatings which will protect the steel of the tank from all corrosion, and because we use solvent free resins which encapsulate the steel, the tank once coated will remain corrosion free as the coating will not break down.

From 2002 expansion enabled research and development for BP on double skin liners for storage tanks which are constructed to allow 24/7 leak detection monitoring with Class 1 vacuum pressure equipment.

In 2006 our third development of our double skin liner, Fuelvac®, was installed for our Oil & Gas clients, this system has had continuous improvement over the years to present time, however the fundamental basics of the system remain the same with our liner being probably the most environmentally friendly system on the market today and the fastest to install in underground and above ground storage tanks.

In 2014 Abfad completed a first in the World project when we installed our double skin liner for the safe storage of Hydrochloric Acid at a height of 12.5 metres in a 14.8 metre diameter above ground mild steel tank (2,140m³ storage capacity), due to the size of the tank six separate vacuum pressure monitoring zones were installed with the double skin liner being overlapped onto itself which again is an industry first.



Underground storage tank double skin lined with Fuelvac® system.



Vacuum monitoring gauge outside of above ground storage tank. Single skin coating applied using a plural component heated spray pump.

Please see our Fuelvac® Installation Process and Hydrochloric Acid Project Presentation videos on our websites



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