

Rope Access Capability and Experience



Capability	Rope Access, onshore and offshore
Resources in UK	228
Resources in Group	1500
IRATA membership	Yes

INTRODUCTION

In recent years, Altrad Services has developed unrivalled expertise in rope access and abseiling techniques onshore and offshore. We hold numerous IRATA (Industrial Rope Access Trade Association) memberships globally and provide specialist services including architectural remedial work, structural repairs, fabric inspection and maintenance. We can provide everything a customer needs to undertake work in the most restrictive areas. The systems we use are quick to mobilise and de-mobilise, reducing labour costs by up to 30% and offer a safe, flexible and incredibly cost-effective alternative to traditional access methods.

Our Technical Authority for Rope Access assists the Site Management teams in reviewing what tasks can be done via rope access. Typically we have achieved up to 20% of access requirements via rope access.

INTERNATIONALLY RECOGNISED SAFEST SYSTEM

Our multi-discipline employees are subject to continuous assessment, audit, training and re-certification in accordance with the IRATA International Code of Practice (ICOP) & Training Assessment and Certification Scheme (TACS) This way we know that Altrad always has the most suitably qualified and multiskilled staff for the job and can carry out rope access work to the most exacting Health & Safety standards.

OUR CAPABILITIES

The services deployed by rope access include:

- Welding and plating
- Rigging and lifting
- Insulation / fabrication
- Structural fabric maintenance and repair
- Special coating applications and fire protection

- Industrial cleaning and painting
- Structural inspections, surveys and materials testing
- Asbestos sampling
- Bolt torque testing
- Electrical installation and maintenance
- Confined space entry and repair work
- Working at height rescue services
- Non-destructive testing (NDT)
- Work positioning netting and decking
- Suspended access platform erection
- Fall arrest and catchment netting
- Pest control systems

DEPLOYMENT ACROSS THE UK

Our experience is ever growing. We have introduced and deployed rope access at many industrial sites across the UK:

- Grangemouth
- Valero, Pembroke Oil Refinery
- Lindsey Oil Refinery
- ConocoPhillips, Teesside
- SABIC, Teesside
- LyondellBasell
- Ineos Chlor, Runcorn
- Drax Power Station
- Longannet Power Station
- EDF Nuclear Power Stations (8 sites)
- Connah's Quay Power Station
- Rugely Power Station
- Wylfa Power Station
- Hinkley Point A Power Station
- Offshore (multiple assets in North Sea and Morecambe Bay)
- Cristal Global



Rope Access Capability and Experience

INEOS CHLOR	<p>This project was for the repair, replacement and renewal of the fireproofing and protective coatings to the upper hemisphere of a DC storage sphere. This was the first time in the UK that such an extensive scope of reinstatement works was undertaken on a storage sphere using rope access as the only method of access. The estimated saving against an access scaffold was circa. £100k.</p>	SABIC BUTADIENE 3 PLANT (OLEFINS 6)	<p>The task was to inspect the column steelwork for any signs of corrosion. This included removing and replacing the insulation. Cost savings of £14k (59%) have been realised when compared to scaffold.</p>
RUGELY POWER STATION	<p>We provide multi discipline services using rope access, and have undertaken the following type of work:</p> <ul style="list-style-type: none"> • Pipe hanger repairs • Pipe lagging replacement • NDT on fuel tank • installation of new power cables • Guttering/drain repairs • Glazing replacement • Cladding replacement • Lighting repairs • Refractory inspections <p>Cost savings of £139k (90%) have been realised when compared to scaffold.</p>	WYLFA CLADDING REPAIRS	<p>On the main building a number of cladding panels and fixings were storm damaged. Repairs were undertaken via rope access saving £28k against scaffolding.</p>
CRISTAL	<p>Our customer at Cristal titanium dioxide plant in Stallingborough has benefitted from savings of £253k using rope access:</p> <ul style="list-style-type: none"> • 2015 £102k • 2016 £89k • 2017 £61k <p>The scope of works undertaken includes:</p> <ul style="list-style-type: none"> • Removal of redundant pipes • Installation of flange guards • Hoist repairs • Welding repairs to pipe supports • Repairs to coil supports • Cable replacement • Installation of flow transmitters • Cleaning (pressure washing) • Tank painting 	INSTALLATION OF PLATFORM	<p>This task was to install a platform at the 40m level of an exhaust stack for external inspections. Cost savings of £140k (89%) have been realised when compared to scaffold.</p>
OIL LEAKAGE (VESTAS WIND TURBINE)	<p>Altrad Services were required to mobilise at short notice to clean down an external oil spill caused by a turbine gearbox failure on a wind turbine in Wales to prevent an environmental impact. Rope access systems can be quickly set up to access hard to reach areas and for this reason, it was the obvious choice for the job. The clean-up operation took two operatives only two days to complete the task.</p>	JETTY INSPECTIONS & REPAIRS AT WYLFA	<p>This project was to inspect, photograph and record the thickness of the jetty's steelwork and to identify any damage which may have been caused by sea water. Previous inspections have been undertaken using scaffolds. Estimated saving £35k.</p>
		DRAX	<p>When faced with an extensive critical path inspection programme - historic custom and practices would see this work carried out over a 14 days schedule. By applying "Outside the Box" thinking an alternative methodology was developed which eliminated the need for conventional access which compressed this to six days enabling the customer to increase plant uptime (192 hours). This resulted in the increased generation revenues of circa £5m, saving the traditional cost of scaffolding (circa 53k) and 3rd party inspection costs.</p>
		HIGH LEVEL INSPECTIONS (MERSEYLINK JV)	<p>MerseyLink JV contacted us to inspect, assess and report on the condition of suspected de-lamination of concrete repairs and other concrete defects, including cracking and spalling, on the 90m-high concrete bridge pylons. These were posing a falling object hazard to construction workers on the road deck. A defect log including photographs was produced and provided to the client. The rope access team carried out remedial repairs using FOSROC repair mortar on all three pylons.</p>

FOR MORE INFORMATION

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ABOUT ALTRAD SERVICES

Altrad Services is an international leader in the provision of critical industrial services principally to the energy and natural resources sectors.

Our multi-disciplinary service offering includes access systems, insulation, specialist coatings, passive fire protection, refractory linings, environmental services, oil and gas storage tanks and heat exchanger replacement and refurbishment.