



## Industrial Rope Access Services

Inspired by developments in recreational mountaineering and caving, rope access or abseiling is a work positioning technique used to reach non-readily accessible work locations by means of a rope system suspended from a nearby structure, via selected independent anchor points. Today, rope access is an internationally recognized alternative to traditional means of access such as scaffoldings, ladders, gondolas, boson chairs, mechanical lifts and stagings.

### Our Services

VELOSI's Rope Access Engineering Department provides highly trained, multi-disciplined Technicians and Specialists on both onshore and offshore environments for the following services:

#### Inspection and Testing

- Structural & Building Inspection
- Painting & Coating Inspection
- Lifting Equipment Inspection
- Internal & External Vessel Inspection
- General & Close Visual Inspection
- Non-Destructive Testing

#### Repair & Maintenance

- Electrical & Mechanical
- Welding, Cutting & Piping
- Cleaning & Painting
- Grit & Hydro Blasting
- Conventional & Airless Spray Painting
- Brush & Roller Painting

#### Geotechnical

- Erosion Protection
- Rock Retaining Mesh
- Soil Nailing
- Rock Bolts & Anchorages
- Rock Scaling

VELOSI is a full member of the International Rope Access Trade Association, UK. Since 1993, the company has provided a wide range of abseiling services.





## Is Rope Access safe?

The International Rope Access Trade Association IRATA was formed in 1987 by leading companies involved in industrial rope access to provide a regulatory environment for safe working practices within the industry. IRATA records, maintained since 1998, indicate that nearly 7.7 million man hours of industrial rope access work have been successfully performed with no fatalities and extremely few lost-time accidents.

VELOSI's Rope Access Engineering Department has maintained a perfect safety record since its establishment in 1993.

### Key Benefits

Rope Access is safe, environment friendly and is extremely cost-effective since no mechanically powered devices are used for movement.

In addition to its exemplary safety record, some of the advantages associated with industrial abseiling when compared to conventional methods of access include:

#### Reduced Security Risk

Unlike other bulky and cumbersome access methods, rope access systems are dismantled and removed at the end of each working day, causing no disruption to building occupants, pedestrians and traffic flow. There is no risk associated with unattended ladders, scaffolds or other access equipment and materials.

#### Dramatically reduced time-related charges

Rope access systems require minimal installation and dismantling time. A full set of abseiling gear weighs only 15kgs and can be set-up or dismantled within an hour, while conventional methods of accessing, such as scaffolding, often require lengthy and expensive installation periods.

#### No mechanical damage to protective coatings

Rope access activities do not cause any mechanical damage to the coatings of inspected structures. In comparison, the erection and dismantling of scaffolding usually results in damaged paintwork at contact points.

#### Significant reduction in labour cost

Studies have shown that the cost of performing visual inspection and Non-Destructive Testing by rope access can be drastically lowered (by up to 90%), when compared to the cost of access by traditional scaffolding.