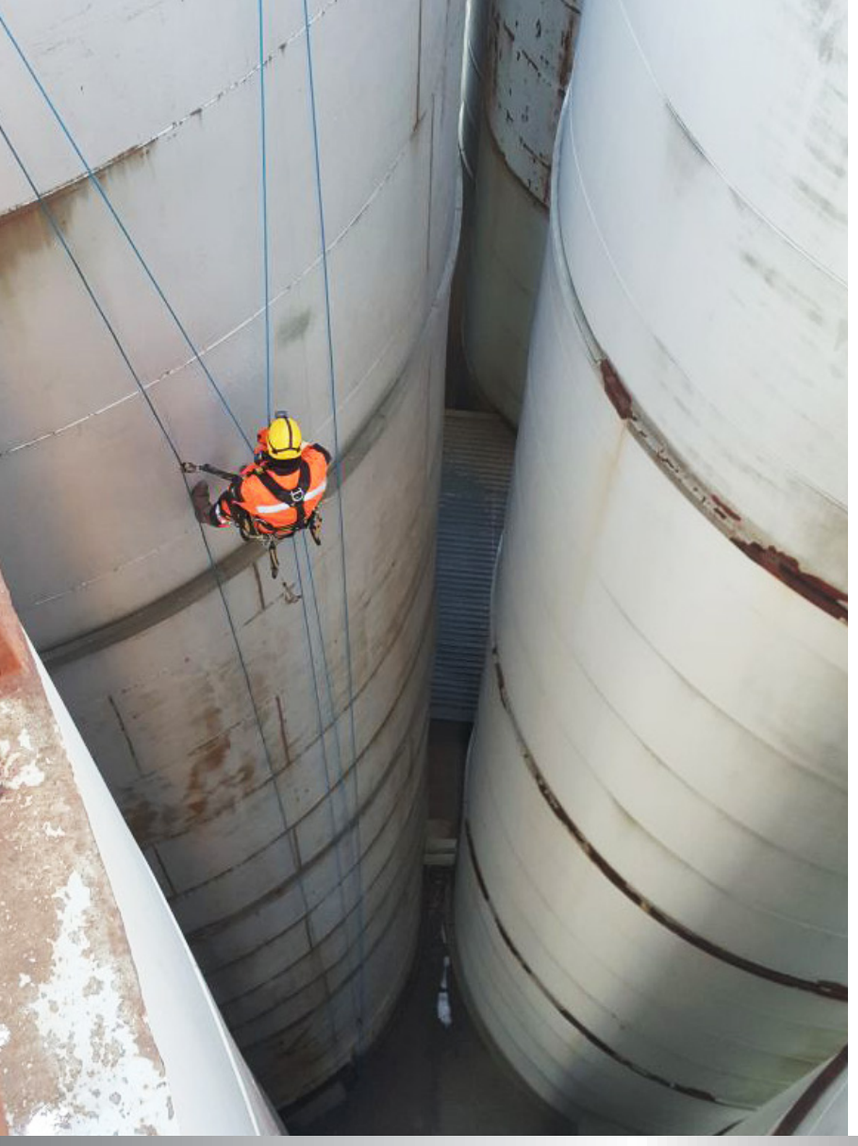






GRIDIN'S GROUP

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ROPE ACCESS SERVICES

ROPE ACCESS

is a special technique used for accessing a workplace at height as well asdifficult-to-access places by using climbing tech-niques and safety devices.

SERVICES:

- assembly / disassembly works;
- pre-painting surface preparation and painting;
- inspection works (non-destructive testing);
- rigging works;
- electrical installation works;
- hull-welding works;
- other types of work carried out at height.

All rope access technicians of **Gridin's Group** have various industrial professions:

- Fitter;
- Welder;
- Sandblasterer;
- Painter;
- Electrician;
- Locksmith;
- Mechanic;
- Rigger;
- NDT operator;
- etc.

AREAS OF SERVICES RENDERED

Onshore

- Oil industry
- Nuclear energy
- Shipbuilding/ship repair
- Construction of special-purpose facilities
- Industrial projects











ROPE ACCESS SERVICES

SOME OF OUR PROJECTS | Lithuania

JSC "Malkų įlankos terminalas"
- Silos container washing works with water under high pressure.

JSC "Žemaitijos grūdai"
- Washing walls surface with water under high pressure.
- Mechanical concrete cleaning.
- Repair of all wall cracks.
- Painting works.

JSC "Mars Lietuva"
- Dismantling the old and installation of the new ceiling in production facilities (600 m^2).

JSC "Pajūrio mediena"
- Installation of a reverse installation device on the chimney.

SE Ignalina Nuclear Power Plant
- Disassembly works for Unit 3 reactor.

JCS "Akropolis Group", "Vėtrungės pasažas", "Klaipėdos Valstybinis Muzikinis Teatras"
- Promotional signboards assembly/disassembly works.

SOME OF OUR PROJECTS | Abroad

FMT Industrieservice GmbH | The Netherlands
- Cleaning and painting of steel constructions on power plant "Nuon Magnum". Total surfaces area - 13.000 square meter.

Kiev Olympic Stadium | Ukraine
- Mounting roof constructions.
- Mounting the membrane on the stadium facade.

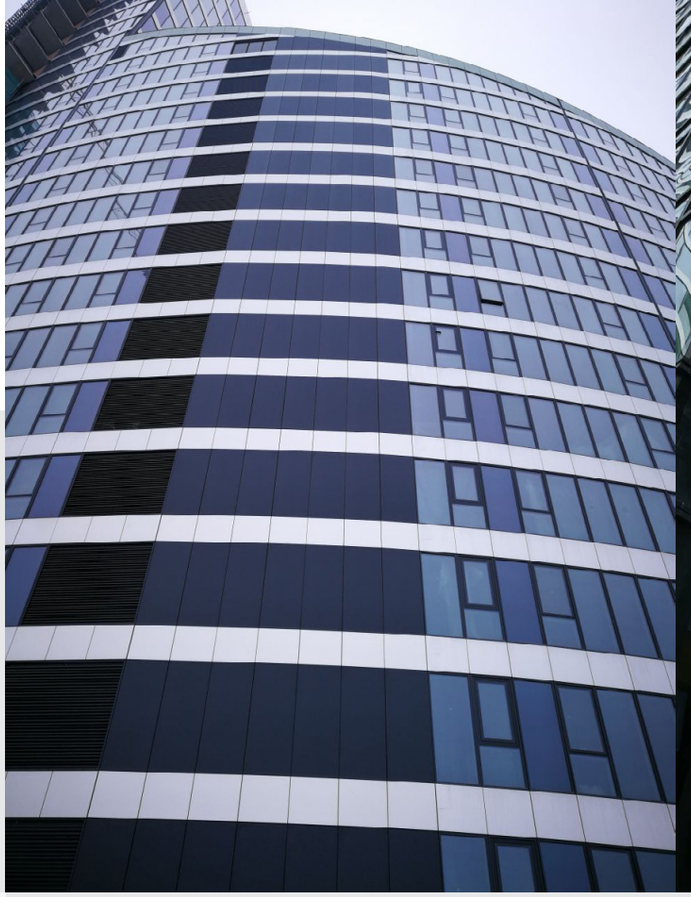
CAN - Aspire Tower (300 m, 52 floors) - skyscraper hotel | Qatar
- Rope access works during the tower construction.
- Electrical works.
- Rigging and mounting works.

HF Comms | United Kingdom
- Installation of antennas, feeders and special equipment.
- Measurement of antennas – feeder path quality
- Maintenance, troubleshooting.

Uddevalla bridge (length - 1712 m) | Sweden
- Visual inspection & report.
- Surface & reinforcements repair.
- Crack repair by epoxy injections.

JSC Pelagia - factory | Norway
- Visual inspection & report.
- Cleaning and painting of steel constructions.

ASSEMBLY / DISASSEMBLY WORKS





The rope access method allows performing complex operations related to assembly / disassembly of varioustypes of nodes, mechanisms and elements of structures.

The range of assembly / disassembly works carried out by applying the rope access method is very wide.



Works are carried out by using a minimum amount of lifting equipment, which significantly reduces costs and time required to execute them.

Below is the list of assembly / disassembly works carried out by the specialists of **Gridin's Group** invarious industry sectors, related to:

- steel structures;
- reinforced concrete structures;
- pipelines;
- brick, reinforced concrete and metal chimneys;
- cell towers and antennas;
- tent covering of buildings, stadiums and hangars;
- various types of equipment;
- advertising;
- other works.



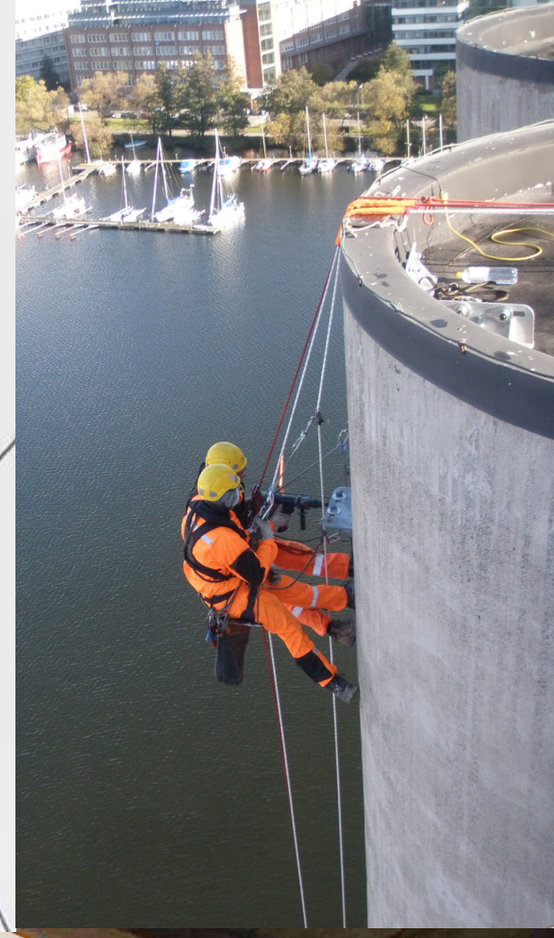


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PRE-PAINTING PREPARATION AND PAINTING OF SURFACES

GRIDINTa

Corrosion protection is one of the major methods for extending useful lifetime of costly buildings, structures and equipment.
If unprotected, a surface is exposed to corrosion when being in a harsh environment.
The level of pre-painting surface preparation is the main factor determining the protective value of a painting system.





Gridin's Group rope access technicians carry out all types of works related to corrosion protection of surfaces:

- High pressure washing;
- Mechanical cleaning;
- Blast and sandblast cleaning;
- Painting by applying all types of paints;
- Painting by applying fire-retardant paints;
- Applying logos and distinctive marks.



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INSPECTION WORKS (NDT)

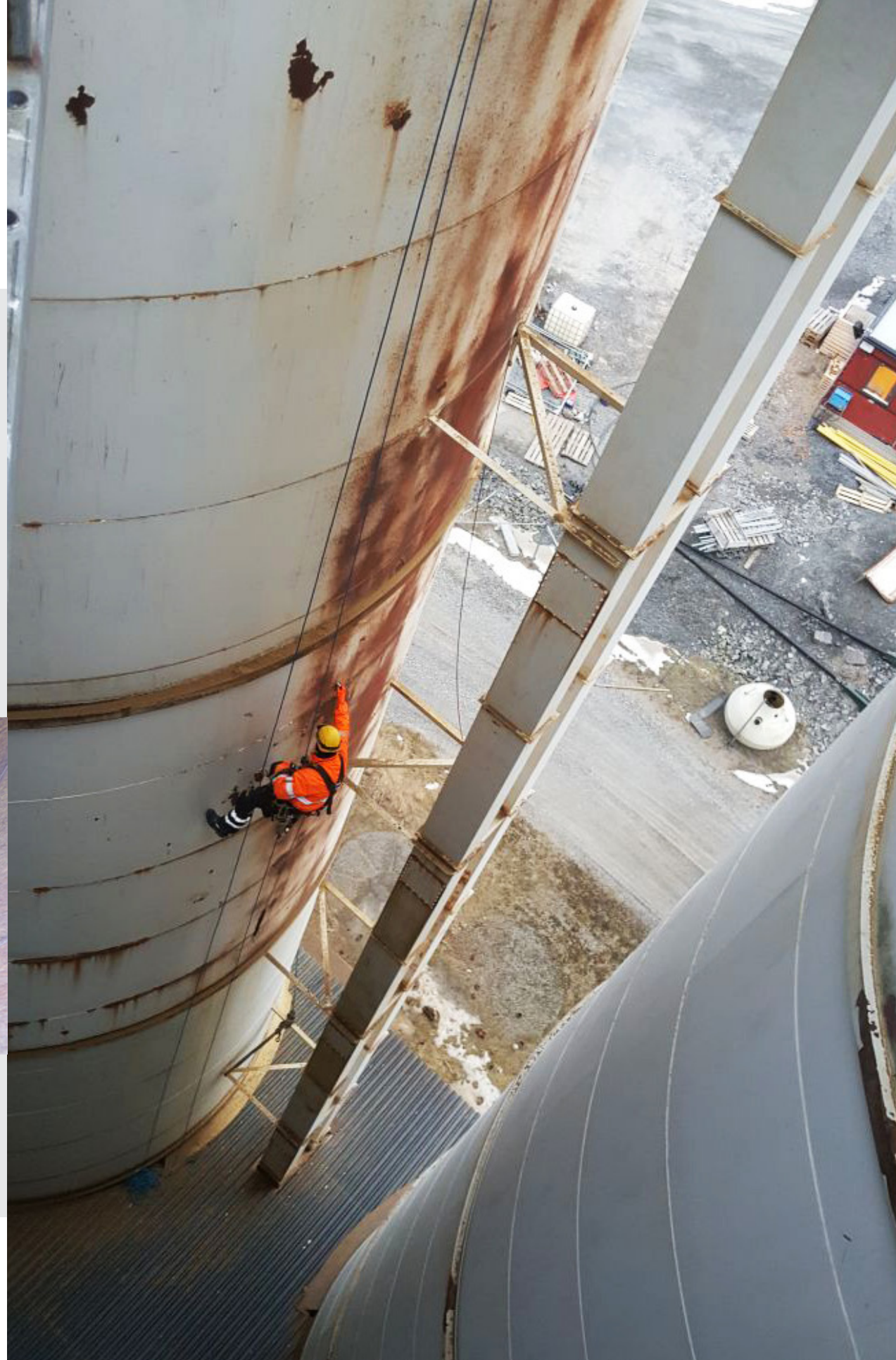
Due to the wide range of technical solutions applied during inspection carried out by using the rope access method, the effectiveness of this method exceeds the parameters of analogic works carried out by traditional methods.

NDT methods and technologies:

- Visual testing;
- Magnetic particle inspection;
- Dye penetrant testing;
- Eddy current testing;
- UT measurements of steel structures;
- Ultrasonic testing of welded joints.



Depending on the scope and complexity of carried-out inspection, the **Gridin's Group** specialists compile a protocol of inspection or a detailed report on the technical condition of the facility.



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RIGGING WORKS

Rigging works carried out by rope access technicians include a wide range of technological operations necessary for the transfer of heavy and large-sized objects.

Unlike standard loading and unloading operations, rigging works are not possible without using special devices and mechanisms intended for safe transfer of various cargo. During the execution of rigging works, special attention is paid to complying with all the necessary safety requirements.

Using the rope access method for rigging works significantly reduces costs and time of operations related to transferring cargo.







ELECTRICAL INSTALLATION WORKS



Gridin's Group rope access technicians can execute various types of electrical installation works at height and difficult-to-access areas, where electrical installation is either hard to conduct or simply impossible.

All rope access electricians have the necessary qualification and electrical safety permits allowing them to execute electrical installation works.



Among the works carried out at height, the following ones may be pointed out:

- installation and connection of data receiving and transmitting systems;
- installation and connection of electrical cables;
- installation and repair of lightning protection on highaltitude facilities;
- connection of lighting equipment through RCD, automatic breakers, connection and installation of power panels, installation of automa tion for turning light on and off;
- repair, disassembly / installation of various electrical equipment.

Electrical installation works carried out by the rope access method are executed without using bulky special aids and equipment.







HULL-WELDING WORKS

GRIDINTA

Hull-welding works carried out by the rope access method belong to the category of the most complicated operations executed at height.

When carrying out hull-welding at height, special attention is given to health protection and safety requirements. Therefore, all hot works at height are performed, on a mandatory basis, with an additional safety line (soldered chain).





Gridinta rope access technicians execute all types of hull-welding works of any complexity level:

- steel replacement and welding of small sections of steel structures and pipelines;
- welding operations for reinforcing load-bearing metal structures;
- repair of cracks and welding seams;
- installation and welding of various foundations, fasteners, brackets and cable runs;
- other types of hull-welding works.

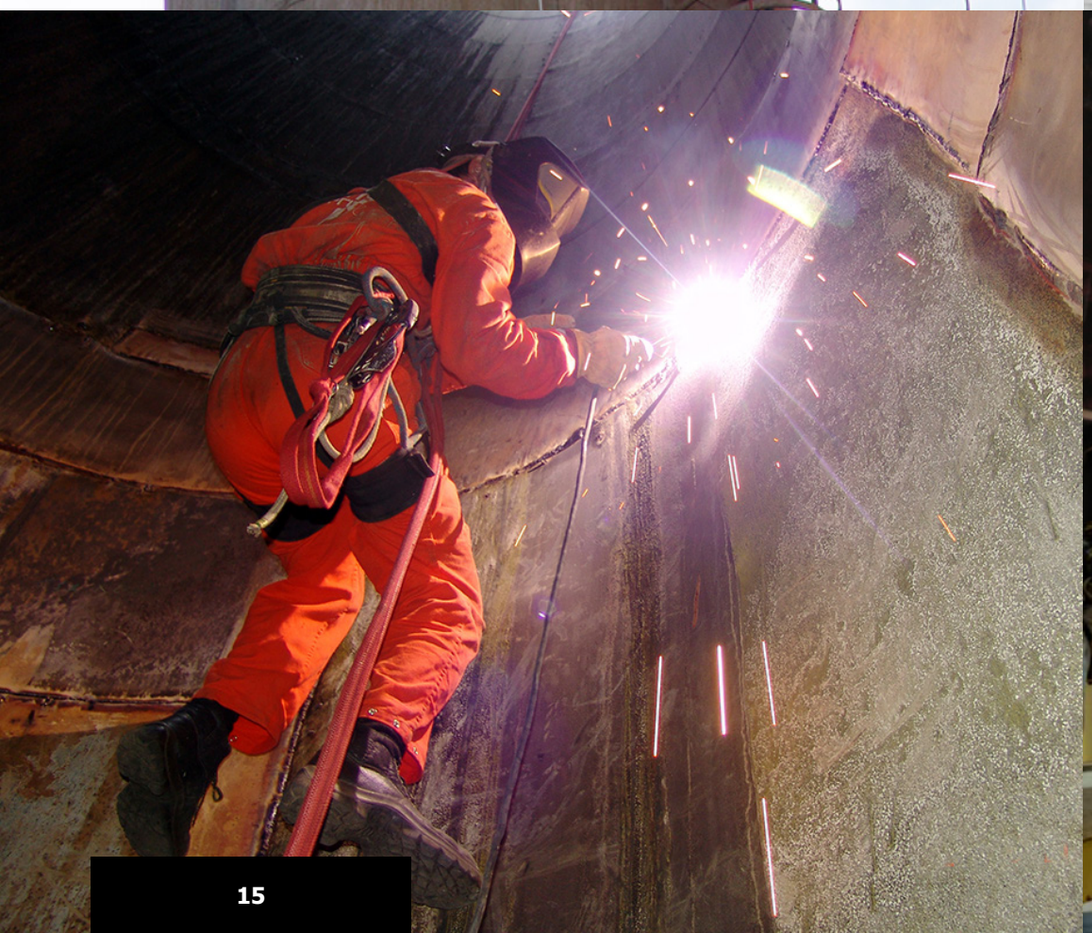
All welding works at height are carried out by professional welders having extensive experience and holding all the necessary certificates, issued by various classification societies.

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ROCKFALL PROTECTION BARRIERS - NET INSTALLATION



Our rope access technicians carry out works related to Rockfall protection / net installation:

- Ground Support
- Rockfall Drape Mesh
- Scaling
- Active Slope Stabilisation
- Rock Bolting
- Design / Build



A safe operation is one where all employees are confident and qualified to carry out their necessary tasks without taking risks. At Gridinta we insist on a fully competent team and provide relevant training and development for our employees.

Our policies outline the requirement for all employees to be able to demonstrate appropriate competence in IRATA practice in the workplace.



OTHER WORKS AT HEIGHT

There is a large number of various specific works which are beyond the scope of the previously described operations or are difficult to classify as they are non-standard (one-time) according to their specifics.
Often, due to the limited of difficult access, such works are impossible to carry out by usual methods or their execution requires high financial and labour costs.





Due to these reasons, **Gridin's Group** rope access technicians get often engaged in carrying out one-time works at height. They are capable of executing works at height at minimum costs and within the shortest possible period of time.



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TRAINING OF ROPE ACCESS TECHNICIANS

GRIDINTA

The training programme of rope access technicians fully combines the procedures for the application of safe industrial rope access methods with the current legislation in the area of health protection and occupational safety, thus creating a uniform system of methods for carrying out works at height. Besides the rope access techniques, future rope access technicians are trained to correctly use necessary equipment and personal protective equipment.

The training programme for rope access technicians conforms to the requirements of the international training system and includes the requirements of the European standards (EN) governing execution of works at height.







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