



What is IRATA?

IRATA (Industrial Rope Access Trade Association)

- Established in 1987 based in Ashford,UK
- IRATA is recognized as the world's leading authority on industrial rope access
- 700 Member Companies
- Over130,000 Technicians trained Worldwide

IRATA maintains exceptional standards through:

- Membership criteria
- Annual audits
- Training
- Annual statistics
- Relationships with country safety bodies



www.irata.org

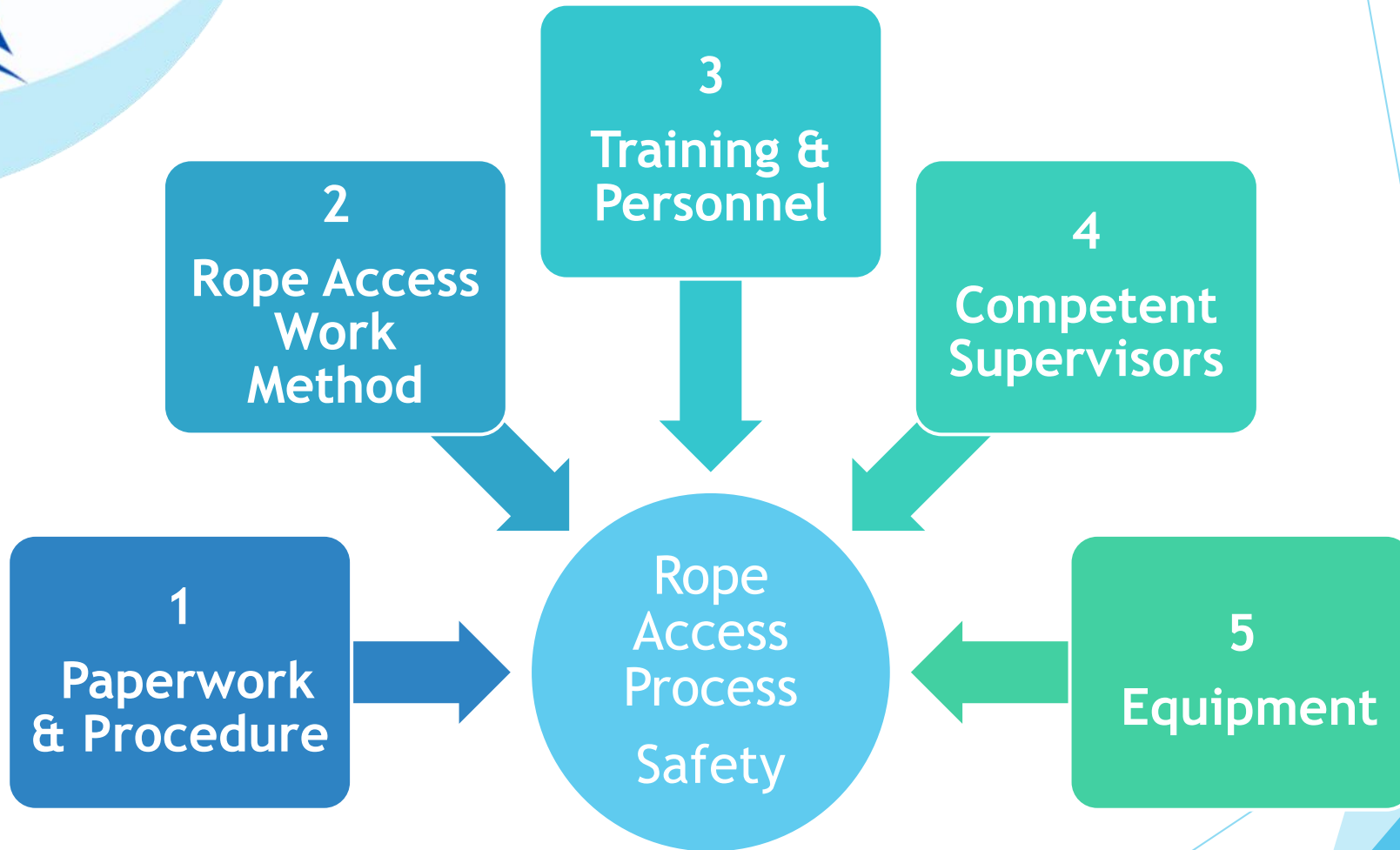


How Rope Access Works

- Two ropes at all times (Double Protection System)
 - A working rope
 - A back-up safety rope
- Separate anchorage point.
- All work is performed under the guidance of a qualified IRATA Level 3 supervisor.
- A minimum of two technicians are required on any job.
- Extensive training and independent assessment every 3 years.
- All equipment is regularly inspected and well maintained.
- All IRATA training and operational work is conducted in line with association guidelines.



Rope Access ,IS IT SAFE ?



5
Inter-
Dependent
Components

Rope Access is it Safe? Cont.

YES

Because of 5 inter-dependent components

1. Paper Work & procedures

Risk Assessment, Rescue Plan Etc.,

2. Rope Access Work Method

Safe Work Procedure, Method Statement

3. Certified Personnel

IRATA Certified Personnel Level 1, Level 2, Level 3

4. Competent Supervisors

Experienced Level 3 Supervisor ,More than 3000 Log Hours on ropes

5. Equipment's

Approved and Certified equipment's



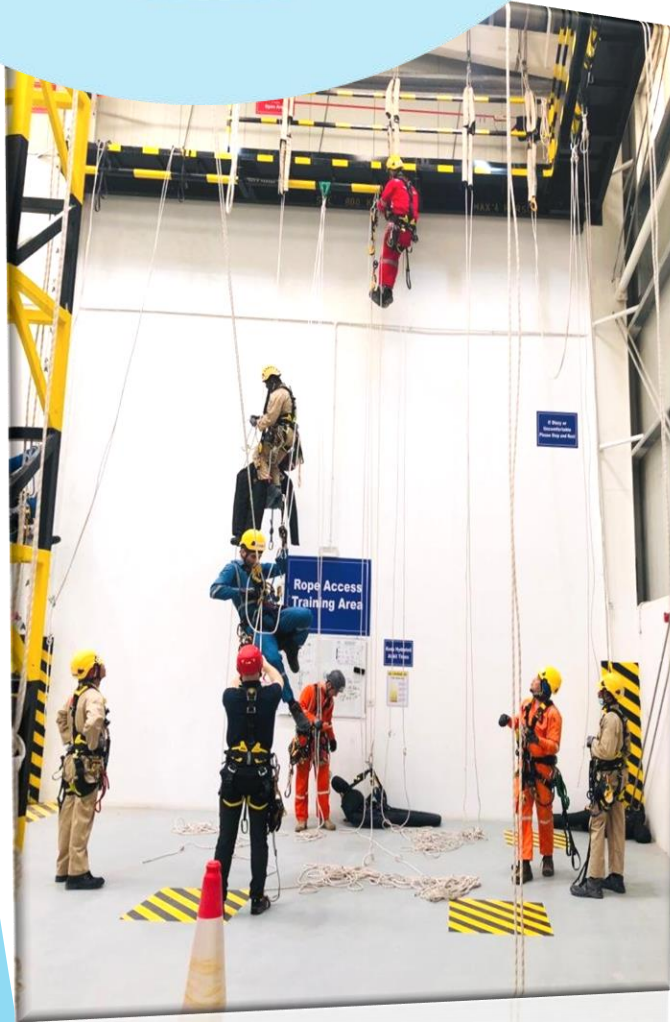


IRATA Levels of certification for Personnel

- IRATA Level 1 Technician- Beginner
- IRATA Level II Technician- Intermediate
- IRATA Level III Technician- Supervisor (compulsory on every project)

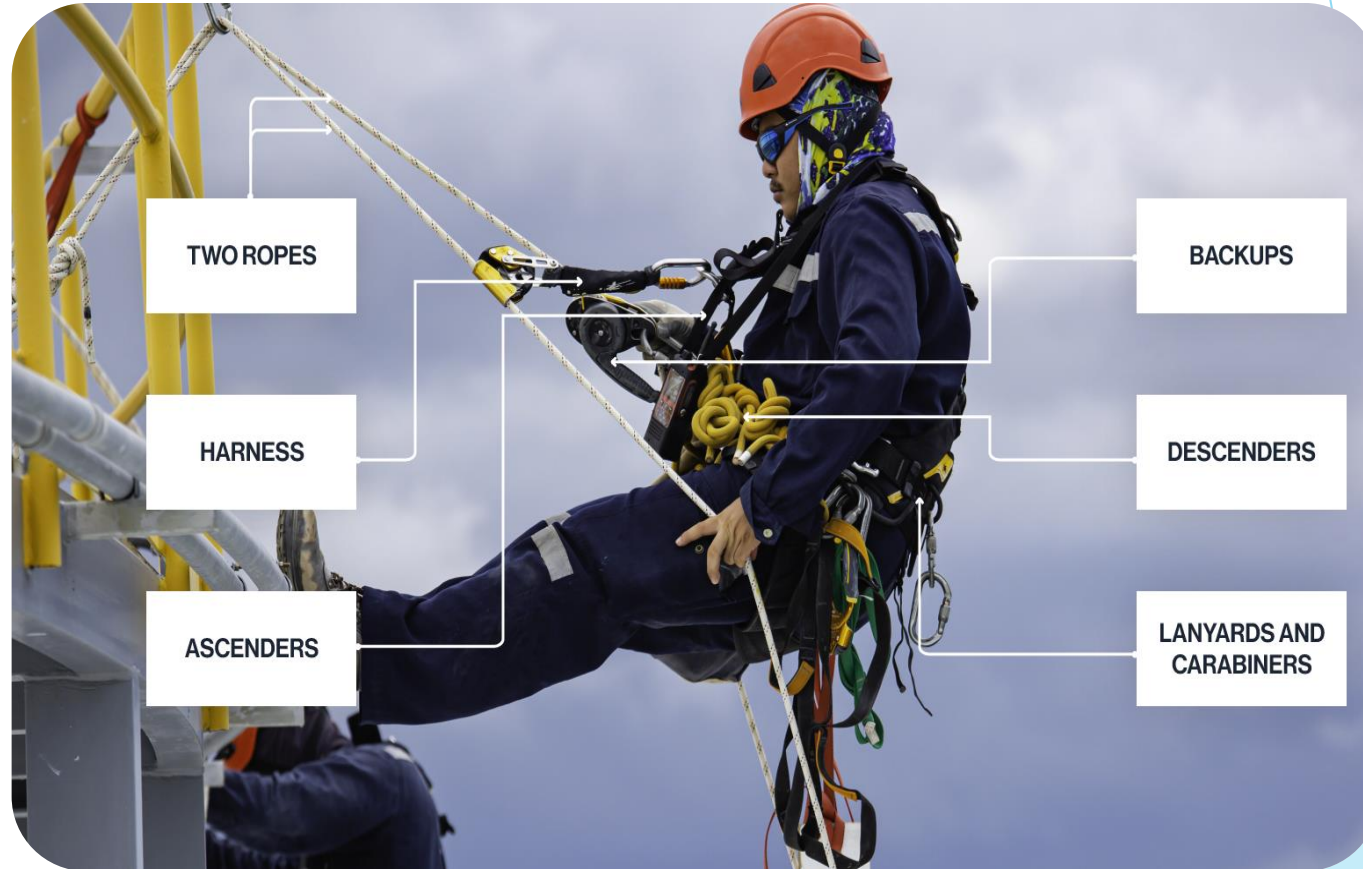
Note :

All the personnel are required to clock in Minimum 1000 Hours on ropes to upgrade to next level of certification





Rope Access Equipment Setup





Advantages of Rope Access

Safety

- Excellent industry statistics
- Reduce man-at-risk hours(Shorter duration projects).

Cost Saving

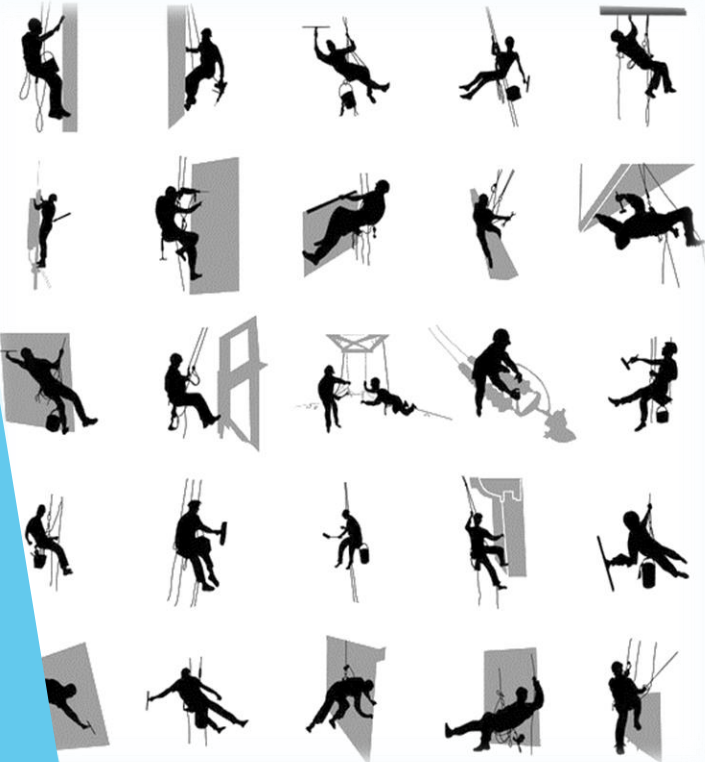
- Cheaper than other access methods such as Cranes, Mobile platforms etc.
- Reduces total man-hours on project.
- Single contractor to provide turnkey solution (e.g. Rope Access + Inspection)

Accessibility

- Access difficult-to-reach location.
- Climb, descend, move horizontally.
- Minimum amount of equipment -can be hand carried to work location.

Minimum Disruption

- Rapid set-up and dismantling.
- Reduced downtime.



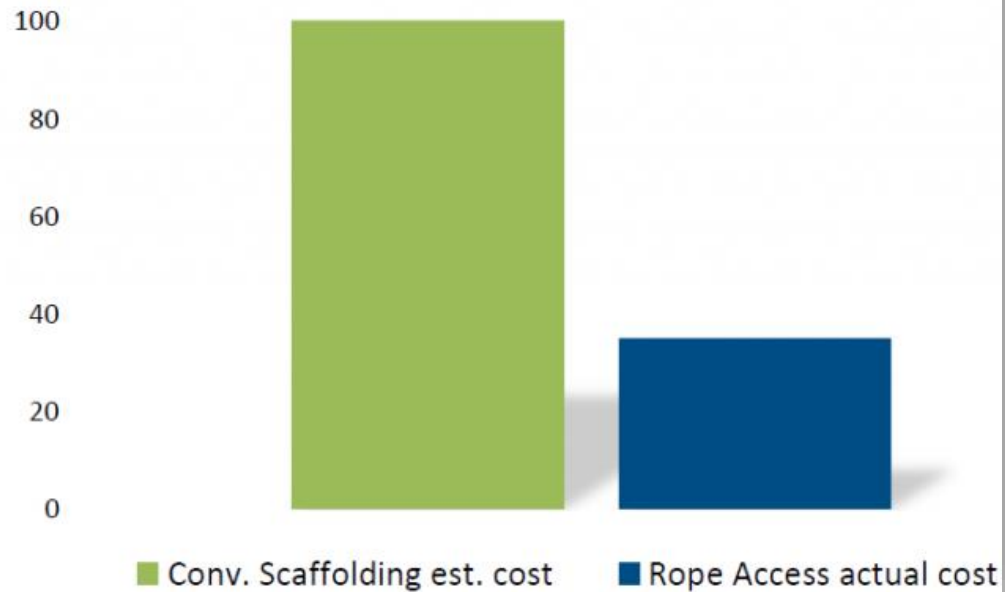


Scaffolding Vs Rope Access

Site 1# Work Scopes @ Oil & Gas Plant
CUI (Corrosion Under Insulation)

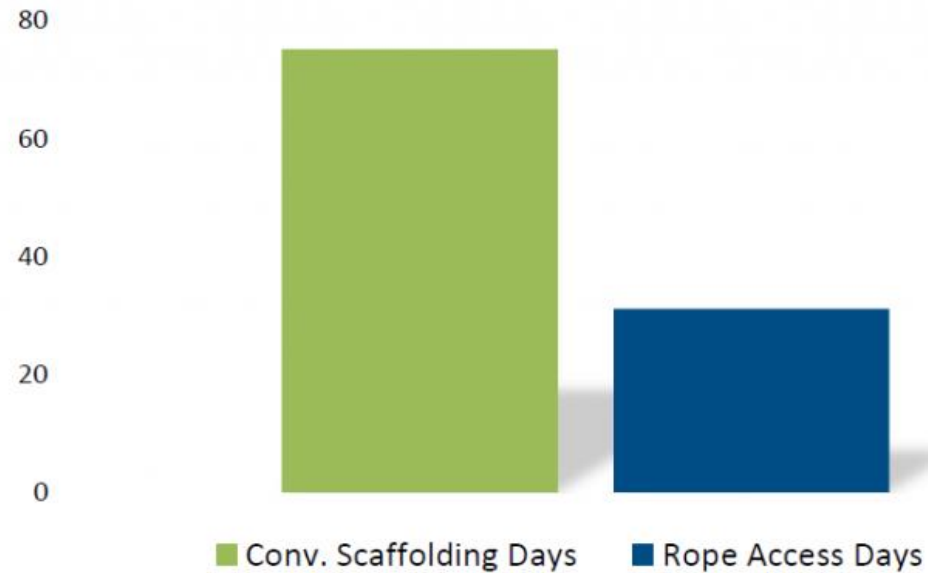
Visual and ultrasonic inspection of tower (8' diameter x 175' height) and its 18'Ø Overhead line.

Site #1 Cost Comparison



Approx. **65%** cost savings using Rope Access methods as compared to conventional scaffolding based on fixed price quotes.

Site #1 Schedule Comparison

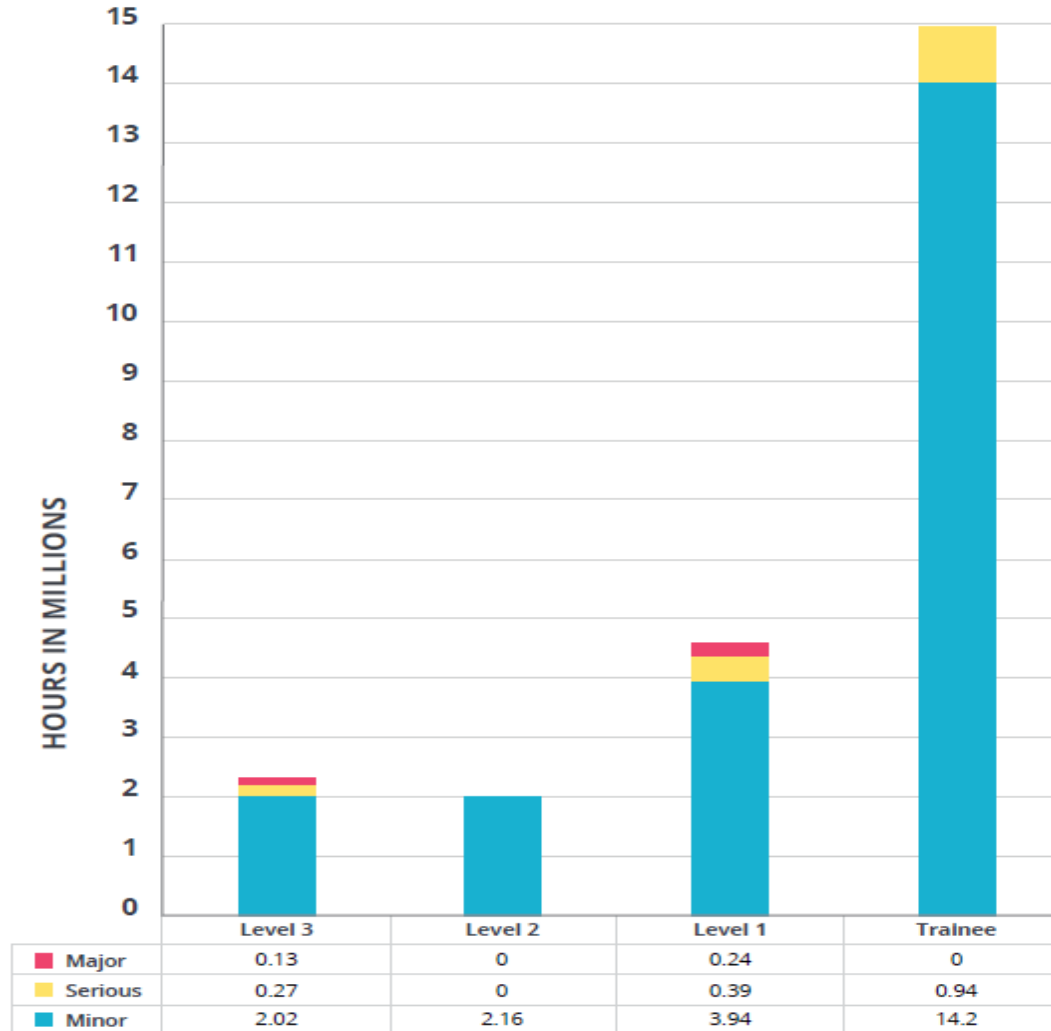


Total 32 days for completion verses an estimated 75 days for scaffolding.



Rope Access Safety Stats..

Injuries Per Million Work Hours Suffered By Grade
Year 2022



Reference :WASA_Report_2023_stgFINAL_SR_v2_WEB



Key Pointers

- It's Safe.
 - It's Efficient- it saves you \$\$.
- It's a proven technology for Onshore & offshore works.
 - Expertise for Seamless Execution