



IRATA ROPE ACCESS LEVEL 2

| US22996

Who Should Attend:

Technicians who need to move up and down structures to perform work at height, while being suspended from ropes, as well as those that might assist with Rope Access site supervision.

Entry Requirements:

Theory Entry Requirements

- Logbook with 1000 Level 1 hours accumulated and signed by a IRATA Rope Access Level 3 Technician.
- Learners must have a good English reading and writing ability.

Practical Entry Requirements

- Successful completion of knowledge test.
- Original certified copy of identification document/passport (driver's licenses are not accepted).
- Be in possession of a valid medical fitness certificate.
- Copy of valid First Aid Level 1 certificate.
- Copy of valid IRATA Level 1 certificate.
- Safety shoes.

Price per Person:

Refer to training price list.

Candidates Allowed per Group:

Minimum: 4
Maximum: 6

Course Duration:

Theory: 1 Day | Test: 1 Day | Practical: 5 Days

Course Specifics:

IRATA Level 2 – Rig working ropes, undertake rescues and perform a range of rope access tasks.

NOF Level 3
Credits: 6

Certificate is valid for 3 years.

Designation: IRATA Rope Access Level 2 Technician.

Theoretical Knowledge:

1. Introduction to work at height.
2. Work at height definitions.
3. Legislation regarding work at height.
4. Gather relevant work site information.
5. Completing an on-site pre-task risk assessment.
6. Completing a 3-monthly climbing equipment inspection form.
7. Completing a pre-use climbing equipment inspection form.
8. Identification and use of climbing equipment.
9. Limitations of climbing equipment.
10. Safe codes of practice for the placing of anchor points.
11. Selecting safe anchor points used for rigging of ropes.
12. Managing sharp edges.
13. Setting up top and bottom exclusion zones.
14. Understanding the advantages of a "buddy system".
15. Basic knowledge of vertical and horizontal lifelines.
16. Understanding principles of rigging working ropes.
17. Understanding cable ways.
18. Understanding minimum free space areas.
19. Understanding fall factors.
20. Understanding the use of various rope access knots.
21. Understanding suspension trauma.
22. Understanding the "buddy rescue".
23. Correct completion of a rope access log book.
24. Responsibilities of supervising a simple rope access work site.

Practical Skills:

1. Assemble a rope access kit.
2. Perform pre-use climbing equipment inspections.
3. Perform 3-monthly climbing equipment inspections.
4. Rope coiling/bagging.
5. Selecting safe anchoring points.
6. Implement the "buddy system".
7. Making and using various rope access knots.
8. Use of a rope access work seat.
9. Climbing over the edge of a building.
10. Rig various working rope systems:
 - 10.1. Vertical drops with particular attention to "rig for rescue".
 - 10.2. Set up a loop.
 - 10.3. Retrievable work ropes.
 - 10.4. Set up a lead climb.
 - 10.5. Set up a vertical drop using and equalizing multiple anchoring points.
 - 10.6. Set up mid rope knots.
11. Perform various rope access rescues:
 - 11.1. Snatch rescue in descending mode.
 - 11.2. Snatch rescue in ascending mode.
 - 11.3. Snatch rescue passing knots.
 - 11.4. Rescue of a lead climber.
 - 11.5. Rescue using a plug-in system
 - 11.6. Horizontal cableway rescue.
 - 11.7. Diagonal cableway rescue.
 - 11.8. Rescue passing a deviation.
 - 11.9. Rescue passing through a re-belay.
 - 11.10. Team rescues.
 - 11.11. Rescue from a loaded back-up device - "self rescue".
12. Setup various rigging systems:
 - 12.1. Rig a 1:1 mechanical advantage system.
 - 12.2. Rig a 2:1 mechanical advantage system.
 - 12.3. Rig a 3:1 mechanical advantage system.
 - 12.4. Rig a 6:1 mechanical advantage system.
13. Retrieval rescue on Fallprotec Rail systems.
14. Snatch rescue on Fallprotec Rail systems.

Important Notes:

1. All training was done in accordance with local and international best practices as well as local acts and regulations. He/she has been found competent as per Occupational Health and Safety act 85 of 1993 Construction Regulation 1 and IRATA requirements.
2. In addition IRATA Rope Access Level 2 Technicians must work under direct supervision of a competent IRATA Rope Access Level 3 Technician as per construction regulation 18 (rope access work), IRATA requirements and ISO 22846-1 & 2. Competency of the supervisor shall be determined by the site/task complexity and related risks.
3. Gravity Training cannot be held responsible for any unsafe and unlawful acts or behaviour as this is the duty of the technician to ensure his/her own safety and the safety of others on the work site.