

# 01

Height Safety  
Lifting  
Lashing  
Safety Management

## HS MODULE 4

Advanced  
Industrial Climber



### DURATION

7 hours / 1 day

### RATIO OF TRAINERS TO TRAINEES

1 Trainer to 6 Trainees

### PRE-COURSE INSTRUCTIONS AND ENTRY REQUIREMENTS

SpanSet Modules 1 and 3 (2 Day duration for modules 1,3 and 4)

All delegates must be able to certify that they are physically fit and have no medical conditions that might prevent them working at height. (A list of conditions that could affect practical training and work at height are available on request.)

SpanSet reserves the right to exclude unsuitable delegates from training courses.

Delegates must be 18 years or over.

### OVERVIEW

- This course is designed for those who intend to access towers, masts, or similar structures using fall arrest systems and use work positioning techniques to carry out work at height. They will also be able to perform a rescue, or evacuation of an injured / suspended colleague to ground level.
- On completion of the course they should be able to install temporary access systems on masts, towers and similar structures. They will also be able to climb using a double-legged lanyard and safely position themselves to work at height.
- During training delegates will be expected to carry out activities at height. This will provide an insight into the delegates' ability to operate in such conditions. This is only an indication of their capability, as it is not possible to recreate exact working environments.
- The actual height and exposure will be set out on

the certification, but this is only to show what was included in the training. The height shown on the certification is not intended to limit the height at which the delegate can operate.

- Further details of the training facilities, first aid provision, insurance, etc are available upon written request.

## Advanced Industrial Climber continued.

### COURSE JOINING INSTRUCTIONS

#### COURSE ASSEMBLY

Unless otherwise stated, all courses are held at QISC Doha, Qatar and will assemble at 0800hrs daily unless otherwise agreed. Delegates should report to the main training reception upon arrival.

#### EQUIPMENT & CLOTHING

All equipment required throughout the course will be provided by QISC/SpanSet Ltd.

Candidates should provide their own comfortable clothing and footwear, with provision made for inclement weather conditions, i.e. fleeces, waterproofs, windproof, etc.

#### FOOD & REFRESHMENT

Refreshments will be provided throughout the day on all courses.

A lunch will be provided on all courses of a day or more in duration held at SpanSet.

#### ACCOMMODATION

Details of local accommodation on request.

### COURSE SYLLABUS

This is a practical and theoretical enhancement to modules 1 and 3 to allow delegates to move more independently around towers or masts with a more advanced knowledge of rescue.

#### Theory

- The effect of fall factors in an industrial location.
- The need for careful assessment of the rescue implications prior to commencing the work task.
- Have an awareness of hazards relating to work at height such as dropped objects, exposure to environmental conditions, etc and the importance of risk assessment prior to commencing the task.

#### Practical

- The use of double lanyards to climb and traverse around a tower or mast, this will include ascent and descent of a 25m structure.
- Installation of temporary fall arrest equipment and systems for access on towers and masts.
- All delegates will be fully conversant with an appropriate rescue system.
- This will normally include:
  - The use of a self-locking descender to abseil.
  - How to free the casualty from suspension with the minimum exposure to risk.
  - The use of a rescue kit containing a self-locking descender to access a casualty and evacuate them down to safety.

### ASSESSMENT METHODS

#### Details of other assessment methods

- During the course of the day the candidates will be continually verbally assessed by the trainer using working examples and scenarios to determine the delegates understanding of a specific topic.
- In addition to the test carried out in module 1 all delegates will be monitored by the trainer throughout the practical sessions. Any concerns will be addressed by delegate and trainer on a continual basis.
- The trainer will use practical tasks to assess the delegates competence and understanding.

### EQUIPMENT COVERED DURING TRAINING

- Full Body Harnesses
- Example anchor devices (Wire Strop, ATSL, HSL, etc.)
- Double Legged Fall Arrest Lanyards
- Fall Arrest Blocks
- Permanently Guided Typed Fall Arresters
- Temporary Guided Type Fall Arresters
- Work Position Lanyard and Harness
- SHARK

### FEEDBACK TO CLIENT AFTER COURSE

- Photo ID card for all delegates, valid for three years.
- Certificate for all delegates, valid for three years.

### RECORDS TO BE MAINTAINED BY SPANSET

- Course registration sheet, including results of the assessment.
- Digital photo for duplicate issue of ID cards.
- Course feedback forms where completed.



Qatar International Safety Centre

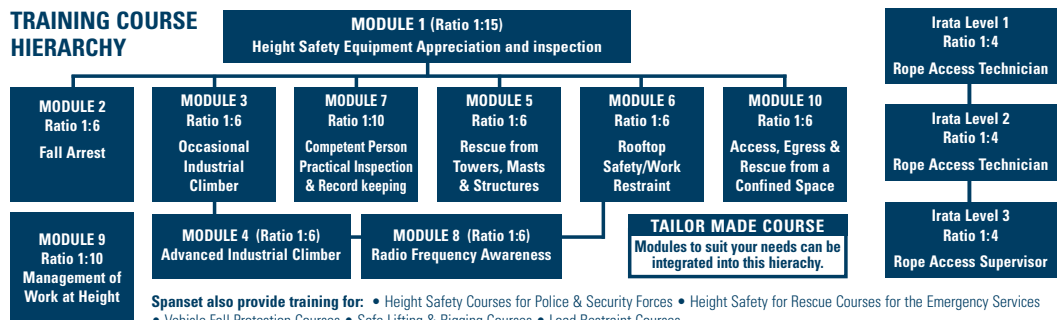
Qatar International Safety Centre W.L.L,  
Doha Main Office and Training Facility,  
Street 45, Salwa Industrial Area,  
PO Box 23651, Doha, Qatar  
Tel: +974 44501223 Fax: +974 44501220  
Email: training@madinagulf.com

www.qisc.net

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### TRAINING COURSE HIERARCHY



Spanset also provide training for: • Height Safety Courses for Police & Security Forces • Height Safety for Rescue Courses for the Emergency Services • Vehicle Fall Protection Courses • Safe Lifting & Rigging Courses • Load Restraint Courses