

# PETROLIFT®

Your Training and Lifting Specialist



## Introduction

Petrolift was established in 1999 mainly serving Petrochemical Industry in Egypt and other surrounding countries mainly Libya, Oman, Syria, Yemen, Jordan, Iraq and UAE. Services included Lifting Inspection services, Lifting Equipment supplies and Training services.

Petrolift has worked with reputable companies to supply products and knowledge to our clients. Companies like Crosby, Sala/ Protecta, Bridon, M& O Global and Wood Group are industry leaders in their fields with a proven track record. This cooperation enabled Petrolift to offer a world class services covering offshore and onshore safety training services including training and, knowledge and products.

Petrolift is able to offer a large range of safety training courses relevant to the offshore oil and gas industry, including BOSIET (Basic Offshore Safety Induction and Emergency)/FOET (Further Offshore Emergency Training), MEMIR and OIM coaching and Assessment at site in Cairo at our Badr City Training Centre. Petrolift will also conduct training at the client's premises locally and internationally if required to meet our customers' needs.

We've accomplished an excellent understanding for client's requirements in coaching lifting, HSE and drilling on sites. Coaching covers various aspects from safe practices to changing unsafe habits and developing a good sense of safe operations in a wider understanding of the concept.

The Petrolift Badr City Training Centre has been built to international standards; the training centre includes a 3m deep swimming pool with fixed HUET system and overhead gantry crane, Heli-winch simulator, and 2.5 /1.0m step off platform options. The training Centre also includes a 2 level smokehouse and fire fighting training ground, confined space entry module plus TEMPSC Lifeboat, muster platform and davit crane for lifeboat training, this allows us to conduct OPITO Approved BOSIET and FOET courses, these are all by experienced and qualified expatriate trainers, as well as local trainers using accredited course packages.

## Training Services Index

<b>Introduction</b> .....	1
<b>OFFSHORE SAFETY TRAINING</b> .....	4
Basic Offshore Safety Induction and Emergency Training (BOSIET) .....	4
Tropical Basic Offshore Safety Induction and Emergency Training (TBOSIET) .....	4
Helicopter Underwater Escape Training (HUET) .....	4
Tropical Helicopter Underwater Escape Training (THUET) .....	4
Further Offshore Emergency Training (FOET).....	4
Tropical Further Offshore Emergency Training (TFOET) .....	5
HUET EBS and Sea Survival .....	5
Sea Survival .....	5
H2S Awareness .....	5
Helicopter Landing Officer (HLO).....	5
Electronic International Minimum Industry Safety Training (IMIST) .....	5
<b>FIRE TRAINING</b> .....	6
Wear and Operate Self Contained Breathing Apparatus (SCBA) .....	6
SCBA Search & Rescue .....	6
Fire Science and Extinguishers .....	6
Fire Extinguisher Usage.....	6
Smoke Hood Familiarisation & Fire Self Rescue.....	6
Fire Warden .....	6
Combined First Aid and Fire Fighting Course .....	6
<b>HEALTH &amp; SAFETY COURSES</b> .....	7
Confined Space Entry including BA and Rescue.....	7
Working at Heights including Rescue.....	7
Permit To Work (client specific) .....	7
Hazard Identification / Management.....	7
Gas Testing Awareness .....	7
Accident Investigation .....	8
Workplace Safety Awareness.....	8
Risk Assessment.....	8
Defensive Driving Training Awareness .....	8
Safety Onsite.....	8

<b>FIRST AID COURSES</b> .....	8
Basic Life Support.....	8
First Aid Responder.....	8
<b>INDUSTRIAL SKILLS TRAINING</b> .....	9
Working Safely at Heights.....	9
Basic Height Rescue .....	9
Basic Lifting Techniques.....	9
Advanced Lifting Techniques.....	9
Manual handling .....	9
Forklift Awareness .....	9
International Basic Scaffolder .....	10
International Intermediate Scaffolder .....	10
International Advanced Scaffolder .....	11
International Basic Scaffold Inspection .....	12
International Advanced Scaffold Inspection .....	12
<b>CRISIS LEADERSHIP &amp; MAJOR EMERGENCY MANAGEMENT TRAINING</b> .....	13
Introduction to Major Emergency Management .....	13
Major Emergency Management and Initial Response (MEMIR) .....	13
OIM / PIC Assessment.....	13
Head Office / Shore Based MEM Training.....	13

## OFFSHORE SAFETY TRAINING

### Basic Offshore Safety Induction and Emergency Training (BOSIET)

This is an OPITO approved course, designed and conducted according to OPITO standards for cold water locations. The course includes Offshore Safety Induction, Sea Survival, Helicopter Safety and Underwater Escape Training, Fire Fighting & Self Rescue and Basic First Aid. Including Emergency Breathing Systems (EBS) and Immersion Suits.

<b>Duration:</b>	<b>3 Days</b>
<b>Accreditation:</b>	<b>OPITO</b>
<b>Pre-requisites:</b>	Valid medical certificate or complete medical screening
<b>Validity:</b>	4 Years

### Tropical Basic Offshore Safety Induction and Emergency Training (TBOSIET)

This course is an OPITO approved course, designed and conducted according to OPITO standards, including; Offshore Safety Induction, Helicopter Safety and Escape, Sea Survival, Fire Fighting (Extinguishers) and Self Rescue (Smoke Hoods). This course is designed for Tropical waters and as such does not include the use of an Emergency Breathing System (EBS) or immersion suits.

<b>Duration:</b>	<b>3 Days</b>
<b>Accreditation:</b>	<b>OPITO</b>
<b>Pre-requisites:</b>	Valid medical certificate or complete medical screening
<b>Validity:</b>	4 Years

### Helicopter Underwater Escape Training (HUET) (EBS)

This course is designed and conducted according to the OPITO standard for Helicopter Underwater and Escape training. This course is suited for personnel who may be required to fly offshore where the full BOSIET is not required by the customer. Includes Emergency Breathing Systems (EBS) and Immersion Suits.

<b>Duration:</b>	<b>0.5 Day</b>
<b>Accreditation:</b>	<b>OPITO</b>
<b>Pre-requisites:</b>	Valid medical certificate or complete medical screening
<b>Validity:</b>	4 Years

### Tropical Helicopter Underwater Escape Training (THUET)

This course is designed and conducted according to the OPITO standard for Helicopter Underwater and Escape training and is the Tropical version of the HUET. Also it includes lifeboat and sea survival skills. Does not include EBS or Immersion suits. Persons restricted to Tropical regions.

<b>Duration:</b>	<b>1 Day</b>
<b>Accreditation:</b>	<b>OPITO</b>
<b>Pre-requisites:</b>	Valid medical certificate or complete medical screening
<b>Validity:</b>	4 Years

### Further Offshore Emergency Training (FOET)

This course is refresher training for those that have previously done the T/BOSIET & T/FOET courses, which are still current. This course is mainly practical and consists of Helicopter safety and escape, fire fighting & self rescue and emergency first aid.

<b>Duration:</b>	<b>1 Day</b>
<b>Accreditation:</b>	<b>OPITO</b>
<b>Pre-requisites:</b>	Valid medical certificate or complete medical screening FOET, TFOET, BOSIET, TBOSIET
<b>Validity:</b>	4 Years

## Tropical Further Offshore Emergency Training (TFOET)

This course is refresher training for those that have previously done the T-BOSIET, T-FOET, BOSIET & FOET courses, which are still current. This course is mainly practical and consists of Helicopter safety and escape, fire fighting & self rescue and emergency first aid.

<b>Duration:</b>	<b>1 Day</b>
<b>Accreditation:</b>	<b>OPITO</b>
<b>Pre-requisites:</b>	Valid medical certificate or complete medical screening FOET, TFOET, BOSIET, TBOSIET

## HUET EBS and Sea Survival

This course is designed and conducted according to the OPITO standard for Helicopter Underwater and Escape training and sea survival skills. This course is suited for personnel who may be required to fly offshore where the full BOSIET is not required by the customer. Includes Emergency Breathing Systems (EBS) and Immersion Suits.

<b>Duration:</b>	<b>1 Day</b>
<b>Accreditation:</b>	<b>OPITO</b>
<b>Pre-requisites:</b>	Valid medical certificate
<b>Validity:</b>	4 Years

## Sea Survival

Theoretical and practical training in sea survival skills and techniques, including the use of a marine life raft.

<b>Duration:</b>	<b>0.5 Day</b>
<b>Accreditation:</b>	<b>PETROLIFT</b>
<b>Validity:</b>	4 Years

## H2S Awareness

Theoretical training of H2S hazards, detection and controls including safety and emergency procedures / equipment.

<b>Duration:</b>	<b>0.5 Day</b>
<b>Accreditation:</b>	<b>PETROLIFT</b>

## Helicopter Landing Officer (HLO)

Theoretical and practical training in Helicopter safety and the duties of the helicopter landing officer (does not include refuelling).

<b>Duration:</b>	<b>2 Days</b>
<b>Accreditation:</b>	<b>PETROLIFT</b>

## Electronic International Minimum Industry Safety Training (IMIST)

This introductory safety training program, available as instructor lead and e-learning, is designed to introduce the fundamental safety elements of the offshore oil & gas industry to new starts, giving an appreciation of the potential hazards and controls that might be encountered by personnel offshore. Each unit has been designed to focus the delegates' attention on their personal responsibility for safety thus influencing their behavior and attitude towards their co-workers, the installation and the environment.

<b>Duration:</b>	<b>1 Day</b>
<b>Accreditation:</b>	<b>OPITO</b>
<b>Pre-requisites:</b>	Valid medical certificate
<b>Validity:</b>	4 Years



## FIRE TRAINING

### Wear and Operate Self Contained Breathing Apparatus (SCBA)

Theoretical and practical training in the use and operation of SCBA, including high and low pressure tests.

**Duration:** 1 Day

**Accreditation:** PETROLIFT

### SCBA Search & Rescue

Theoretical and practical training in the use and operation of SCBA, including search and rescue techniques, BA control, and practice in a variety of situations including an enclosed smoke filled heated environment (smokehouse).

**Duration:** 2 Days

**Accreditation:** PETROLIFT

**Pre-requisites:** Valid medical certificate  
Recommended

### Fire Science and Extinguishers

Theoretical and practical training in fire science, fire prevention and fire fighting, including the use of a fire blanket, and fire extinguishers; using dry chemical, small bore water hose, foam and CO2.

**Duration:** 0.5 Day

**Accreditation:** PETROLIFT

### Fire Extinguisher Usage

Theoretical and practical training in fire prevention and the use of a fire blanket, and fire extinguishers.

**Duration:** 0.5 Day

**Accreditation:** PETROLIFT

### Smoke Hood Familiarisation & Fire Self Rescue

Theoretical and practical training in fire prevention and the use of a Smoke hood Systems.

**Duration:** 0.5 Day

**Accreditation:** PETROLIFT

### Fire Warden

Principles of the safe evacuation of buildings in an emergency and the Fire Warden's responsibilities in the workplace. Course includes analysis and use of clients building evacuation plan.

**Duration:** 1 Day

**Accreditation:** PETROLIFT

### Combined First Aid and Fire Fighting Course

To provide participants with the knowledge, skills, and confidence to respond appropriately to a fire and First Aid emergency. Provide the knowledge for the proper use of fire extinguishers, procedures for raising the alarm, basic first aid knowledge and skills to support life in an emergency situation, until qualified assistance is available.

**Duration:** 1 Day

**Accreditation:** PETROLIFT

**Pre-requisites:** Complete a medical declaration form provided by PETROLIFT

## HEALTH & SAFETY COURSES

### **Confined Space Entry Including BA & Rescue**

---

Theoretical training in the permit procedures for entering a vessel or confined space, plus the skills required to extricate an injured person(s) from a vessel or confined space, including patient handling and the use of ropes, tripods and stretchers. the practical techniques and procedures for working with a variety of breathing apparatus systems in confined spaces.

### **Hazard Identification / Management**

---

Techniques, tools and practices for the identification of existing and potential hazards in the workplace and how they are managed.

### **Gas Testing Awareness**

---

Authorised Gas Tester is required for those involved with performing a test for oxygen, flammable and toxic gases up to and including working in confined spaces.

NOTE: Persons undertaking Safety Watch duties at the entrance to a confined space shall be an AGT Level 1 Gas Tester.

### **Accident Investigation**

---

Techniques and tools for the investigation of incidents and accidents in the workplace.



## Workplace Safety Awareness

---

Principles of a safe workplace, and how to implement these, with an outline of the responsibilities of the employer and employees

**Duration:** 1 Day

**Accreditation:** PETROLIFT

## Risk Assessment

---

To understand the legislative and company structure for managing workplace hazards. Understand the principle of hazard management and the key tools used within the workplace to identify and control hazards. Review the use of Hazard Management tools both inside and outside the work environment.

**Duration:** 1 Day

**Accreditation:** PETROLIFT

## Defensive Driving Training Awareness

---

To provide participants with the introductory knowledge and skills to drive defensively thereby ensuring the safe transportation of company personnel, equipment, stores, the safety of the public and the company vehicles.

**Duration:** 1 Day

**Accreditation:** PETROLIFT

**Pre-requisites:** Current motor vehicle drivers license (where applicable)

## Safety Onsite

---

To provide participants with the risk assessment awareness, confined space vertical entry, lock out tag out, and working at heights awareness.

**Duration:** 1 Day

**Accreditation:** PETROLIFT

**Pre-requisites:** Current motor vehicle drivers license (where applicable)

## FIRST AID COURSES

### Basic Life Support

---

Basic training in how to respond to common first aid emergencies. The course includes training and practice in scene assessment, personal safety, CPR, choking, heart attack, bleeding, burns, dislocations and fractures

**Duration:** 1 Day

**Accreditation:** PETROLIFT

### First Aid Responder

---

Theoretical and practical training in how to respond to medical emergencies and includes: Scene assessment, personal safety and patient management, CPR, choking, heart attack, bleeding, diabetes, fractures, dislocations, burns, poisoning, electrical injuries, chest and abdominal injuries, allergic reactions and heat stroke.

**Duration:** 2 Day

**Accreditation:** PETROLIFT

## INDUSTRIAL SKILLS TRAINING

### Working Safely at Heights

This course is designed to provide participants with the necessary knowledge and skills to work safely at heights. On completion of this course, participants will have knowledge of the OHS, be able to identify and control hazards; understand job planning and resources required, access and egress; fall arrest systems and Personal Protective Equipment plus work confidently and competently at heights.

**Duration:** 1 Day  
**Accreditation:** PETROLIFT

### Basic Height Rescue

To provide workers with the ability to effect an immediate rescue and recovery of another worker that has fallen from height and is suspended above the ground.

**Duration:** 1 Day  
**Accreditation:** PETROLIFT  
**Pre requisite:** Working Safely at Heights

### Basic Lifting Techniques

To provide the user of lifting equipment with the basics of selecting the correct equipment, pre use inspection, understanding the risks associated with lifting.

**Duration:** 2 Day  
**Accreditation:** API  
**Pre requisite:**

### Advanced Lifting Techniques

To provide the user of lifting equipment the knowledge to selecting the correct equipment, pre use inspection, understanding the risks associated with lifting, risk assessment and carry out lifting plans/ lift techniques and different lifting equipment and accessories.

**Duration:** 3 Day  
**Accreditation:** API

### Manual handling

Manual handling is an often neglected area of safe work practices despite the fact that incorrect and unsafe manual handling practices amount to more than one third of all work related injuries. This translates into a massive human cost, compensation cost and loss of productivity. On completion of this course participants will gain an understanding of the legal requirements for manual handling, apply sound manual handling techniques and performance of the four stage approach.

**Duration:** 1 Day  
**Accreditation:** PETROLIFT

### Forklift Awareness

This course is designed to provide participants with the sound understanding and knowledge required to enable them to operate a fork lift truck safely in accordance with current legislation.

**Duration:** 2 Days  
(inexperienced operators)

**Accreditation:** PETROLIFT

## International Basic Scaffolder - 5 days.

### Content

- Statutory Regulations and Codes of Practice
- BS EN 12811 and TG20:08
- Safe Handling and Inspection of Materials (Manual Handling)
- Preventing Falls in Scaffolding (SG4:10)
- Safe Use and Inspection of Safety Harnesses
- Ropes, Knots & Hitches
- Types and Uses of Tube, Fittings and Boards
- Assessing Material Requirements for Basic Scaffolds
- Safe Access Methods
- Interpretation of Simple Drawings
- Erect and Dismantle Basic Scaffolds:
  - Independent (With Return)
  - Tower (Static and Mobile)
  - Birdcage
- Alterations to Scaffolds
- Skills Test (Practical)
- Knowledge Test (Theory)



### Certification:

Successful delegates will receive a Simian Skill 'International Scaffolder' Certificate of Training and can apply for an 'International Scaffolder' Record Card for **Basic Scaffolder**.  
Our clients can choose from these accredited options: CISRS or CITB.

Scaffolders can progress to Intermediate Scaffolder after 6 months further experience.

## International Intermediate Scaffolder – 2 x 5 day Split Course (Part A & Part B).

### Content:

- Statutory Regulations and Codes of Practice
- BS EN 12811 and TG20:08
- Safe Handling and Inspection of Materials (Manual Handling)
- Preventing Falls in Scaffolding (SG4:10)
- Basic Scaffolder Skills Test
- Assessing Material Requirements for Intermediate Scaffolds
- Erect and Dismantle Intermediate Scaffolds:
  - Part A:
    - Bridging with Beams
    - Protection Fans
    - Loading Bays
  - Part B:
    - Lifting Frames
    - Gantry
    - Splay/Radial
    - Staircases
    - Ramps
- Skills Test (Practical)
- Knowledge Test (Theory)



### Certification:

Successful delegates will receive a Simian Skill 'International Scaffolder' Certificate of Training and can apply for an 'International Scaffolder' Record Card for **Intermediate Scaffolder**.  
Our clients can choose from these accredited options: CISRS or CITB.

Scaffolders can progress to Advanced Scaffolder after 12 months further experience.

## International Advanced Scaffolder – 10 days.

### Content:

- Statutory Regulations and Codes of Practice
- BS EN 12811 and TG20:08
- Safe Handling and Inspection of Materials (Manual Handling)
- Preventing Falls in Scaffolding (SG4:10)
- Basic Scaffolder Skills Test
- Design Appreciation
- Assessing Material Requirements for Advanced Scaffolds
- Erect and Dismantle Advanced Scaffolds:
  - Cantilever Truss-out Scaffolds
  - Cantilever Drop-lift Scaffolds
  - Raking Shore
  - Dead Shore
  - Suspended Scaffold
  - Temporary Building/Roofs
- Skills Test (Practical)
- Knowledge Test (Theory)



### Certification:

Successful delegates will receive a Simian Skill 'International Scaffolder' Certificate of Training and can apply for an 'International Scaffolder' Record Card for **Advanced Scaffolder**.  
Our clients can choose from these accredited options: CISRS or CITB.

Scaffolders can progress to Advanced Scaffolder after 12 months further experience.

---

## International Basic Scaffold Inspection - 2 days.

### Content:

- Introduction to Scaffolding & Scaffolding Terminology
- Statutory Requirements & Codes of Practice
- International Standards (British, European, US & Local)
- International Best Practice & Industry Standards (NASCI)
- Overview of Fall prevention in Scaffolding
- Tube, fittings & boards
- Safe access and egress
- Scaffolders training and working methods
- Bracing and tying scaffolds
- Mobile, static and loading towers
- Birdcage scaffolds
- Beams and bridging beams
- Public protection
- Various types of system scaffolding
- How to carry out a scaffolding inspection
- Scaffold Inspection Reports
- Scaffold Tagging Systems
- Scaffold Inspection Exercises
- Knowledge Test and Assessment



### Certification:

Successful delegates will receive a Simian Skill 'International Scaffolder' Certificate of Training and can apply for an 'International Scaffolder' Record Card for **Basic Scaffold Inspector**.

Our clients can choose from these accredited options: CISRS or CITB.

---

## International Advanced Scaffold Inspection – 2 days.

### Content:

- Statutory Requirements & Codes of Practice
- International Standards (British, European, US & Local)
- International Best Practice & Industry Standards (NASCI)
- Overview of Fall prevention in Scaffolding
- Advanced Component Information
- Review of Basic Structures
- Scaffold Design Overview & Interpreting Drawings
- Advanced Scaffold Structures (including):
  - Suspended Scaffolds
  - Cantilevered Scaffolds
  - Splayed / Radial Scaffolds
  - Shores (Dead, Raking, Flying)
  - Ramps & Gangways
- Scaffold Inspection In Practice
- Scaffold Inspection Reports
- Scaffold Tagging Systems
- Scaffold Inspection Exercises
- Knowledge Test and Assessment



### Certification:

Successful delegates will receive a Simian Skill 'International Scaffolder' Certificate of Training and can apply for an 'International Scaffolder' Record Card for **Advanced Scaffold Inspector**.

Our clients can choose from these accredited options: CISRS or CITB.

# CRISIS LEADERSHIP & MAJOR EMERGENCY MANAGEMENT TRAINING

## Introduction to Major Emergency Management

Introduction to Major Emergency Management course specifically designed for companies with staff who have no previous culture of MEM training. The course covers the fundamentals of emergency management and a practical instructor led exercise based on a realistic scenario relevant to your operations.

<b>Duration:</b>	<b>2 Days</b>
<b>Accreditation:</b>	<b>PETROLIFT</b>
<b>Delegates:</b>	<b>Ideal numbers 6-8</b>
<b>Target</b>	Untrained employees with an Emergency Response role, Deputy On Scene Commanders, OIMs, Toolpushers

## Major Emergency Management and Initial Response (MEMIR)

PETROLIFT conducts the 4 day MEMIR course which is specifically designed for OIMs and personnel identified for future employment as an OIM or senior facility positions. The course covers the theory of emergency management, a minimum of 9 realistic exercises with PC based simulation and each delegate's performance is formally appraised as the 'Person in Charge' for 1 scenario.

<b>Duration:</b>	<b>4 Days</b>
<b>Accreditation:</b>	<b>PETROLIFT</b>
<b>Delegates:</b>	<b>Ideal number 6 max</b>
<b>Target</b>	OIMs, Toolpushers, Bargemasters, On Scene Commanders, C

## OIM / PIC Assessment

Risktec can conduct rigorous OPITO standard assessments (OIM Controlling Emergencies) or your company standard if you require. You can send your Emergency Response Team (up to 6 personnel) on the MEM Coaching and Appraisal course and then have your OIM assessed with a trained crew on the final day.

<b>Duration:</b>	<b>1 Day refresher training and 1 Day of Assessment</b>
<b>Accreditation:</b>	<b>OPITO</b>
<b>Delegates:</b>	Optimal number 2
<b>Target</b>	OIMs and senior facility personnel

## Head Office / Shore Based MEM Training

PETROLIFT conducts Office MEM Training customized to your operations and covering the following areas:

- Understanding the Offshore MEM process
- Corporate command and control principles
- Managing communications and information
- Working with the Media
- Emergency Management roles and responsibilities
- Supporting the next of Kin
- Business Continuity

<b>Duration:</b>	<b>2 Days</b>
<b>Accreditation:</b>	<b>PETROLIFT</b>
<b>Delegates:</b>	<b>10 max</b>
<b>Target</b>	All Shore based personnel with an Emergency Management responsibility

**Petrolift**

Badr Industrial City, Plot 1/197  
Postcode 11829, Cairo - Suez  
Road, Egypt

Tel: 0020 1228641850

**General Manager**

Ehab Tadrous

Tel: 0020 1223325420

Email: [info@petrolift.com](mailto:info@petrolift.com)

**Training Coordinator**

Mariam Saad

Tel: 0020 1002684000

Email:

[mariam.saad@petrolift.com](mailto:mariam.saad@petrolift.com)