



## TRAINING SERVICES



Operating in 39 countries, Harsco Infrastructure specialises in two core market sectors: providing construction services and industrial maintenance services.

Within the construction sector we offer an innovative and engineered range of scaffolding, access, powered access, formwork, shoring and site safety services. Available for contracting, rental or sale, these services are ideally suited to large non-residential and infrastructure projects where close coordination with major contractors and specialist sub-contractors is critical.

For the industrial maintenance market we work with major facilities operators and contractors to supply multi-disciplined services on plant shutdowns, upgrades and maintenance projects. Products and services include the provision of total access solutions, insulation, painting, blasting and cleaning.

### **Application solutions**

Clients come to us for our proven expertise and worldwide capabilities in:

- Safe solutions for construction and maintenance
- High productivity, cost-effective solutions
- Engineering and applications knowledge

With over 6,500 employees worldwide, our knowledge, insight and experience are at the heart of our customer service. This is backed up by an industry-leading range of products, and the resources to ensure that even the most complex project requirements are sourced and delivered on time.

### **Global experience**

Harsco Infrastructure is the combination of three long-established Harsco companies: SGB and Hünnebeck in Europe, the Middle and Far East, and Patent in the Americas.

Together we offer almost 300 years of combined specialist experience in our fields. We have gained vast reservoirs of expertise on construction sites and industrial facilities around the world, allowing us to develop a range of services tailored to the requirements of today's international construction and industrial clients.

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## Welcome to training with Harsco Infrastructure

In today's construction industry, effective training for your staff has never been more important. Crucial for ensuring the safe operation of your site, good training will also ensure that your staff and operations comply with the latest Health and Safety legislation. However, training should not be seen just in terms of compliance, it will also boost staff confidence and morale, improve the quality and speed of work and increase the overall efficiency of your operation.

**Harsco Infrastructure provides an extensive programme of training courses and workshops to cover the safe use and application of Harsco Infrastructure products and many other safety related issues. The programme includes ten certificated modules.**

Delegates who attend any of the training courses will need to be in good health and be capable of working at height, to assemble and operate the appropriate equipment and have sufficient understanding of the English language to be able to read and understand instructions.

Some training courses can be organised on site, at customers' premises – subject to suitability, or at one of Harsco Infrastructure's own Learning Centre locations.

For bookings and to discuss your requirements please contact your local Training Co-ordinator on 0844 335 8860.

# IPAF Training Programme

## Course

IPAF (International Powered Access Federation) training courses for:

- Operators
- Demonstrators
- Instructors

Covering the following MEWP equipment:

- Scissor lifts (mobile verticals)
- Mast climbing platforms
- Mobile booms
- Push-along verticals

Mast Climbing Work Platform (MCWP) courses for:

- Mobile operators
- Demonstrators
- Installers
- Advanced installers
- Instructors

Other training courses:

- The use of harnesses with MEWP's



## Course objectives

To enable delegates to understand the safety requirements for powered access equipment and safely install, operate and manoeuvre the machines covered by each respective course.

## Who will benefit

All those operators or supervisors that use or intend to use scissor lifts, mast climbing platforms, self-propelled boom lifts and aerial work platforms.

## Course content

- Awareness of safety responsibilities
- Accident prevention
- Pre-use, daily and weekly checks
- PPE requirements
- Features, capabilities and limitations of the machine category
- Safe operation/installation procedure and manoeuvring of the machine category
- Test paper

## No of delegates

4-6

## Training methods

Lectures, video, demonstration, practical use.

## Certification

Successful delegates will receive a Powered Access Licence card (PAL) and a safety guide and log book relating to the specific type of powered access machine on which the delegates have been trained.

## PPE requirement

Delegates should bring a safety helmet, boots, gloves and eye protection, plus casual clothes. Safety harnesses will be provided where appropriate.

## Course duration

1-2 days, dependent on machine selected and experience.

For bookings please contact your local Training Co-ordinator Tel: 0844 335 8860 Email: [training@harsco-i.co.uk](mailto:training@harsco-i.co.uk)

# PASMA Mobile Towers



## Course

Prefabricated Access Suppliers and Manufacturers Association (PASMA) training on the safe use, erection and dismantling of prefabricated aluminium and Glass Reinforced Plastic (GRP) mobile towers.

## Course objectives

To enable delegates to safely erect and dismantle mobile towers designed to BS1139/BS EN1004, and understand their safety requirements and characteristics.

To ensure that candidates pass a written and practical examination to acquire their five year, industry recognised certificate of competence.

## Who will benefit

All those involved in the erection and use of aluminium towers.

## Course content

- Safety requirements
- Hazards, stability and external forces
- Identification and function of components
- Practical building of mobile towers
- Test paper

## No of delegates

6-12

## Training methods

Lectures, video, demonstration, practical use.

## Certification

Successful delegates will receive:

- PASMA competency certificate
- Encapsulated photo ID card verifying certification
- Copy of the PASMA Code of Practice

## PPE requirement

Delegates should bring a safety helmet, boots, gloves and eye protection, plus casual clothes.

## Course duration

1 day.



# Scaffolding Inspection



## **Course**

An understanding of traditional and system scaffolding including safety requirements and the identification of faults on basic façade scaffold structures.

## **Course objectives**

To assist delegates to understand the principles of tube and fitting or system scaffolding structures and their components, to aid site inspections and the identification of faults and hazards.

## **Who will benefit**

Site managers and supervisors responsible for checking that the erection of conventional façade scaffolding has been carried out safely and correctly.

## **Course content**

- Basic scaffolding functions
- Scaffolding definitions
- Construction of scaffolds
- Ties and anchors
- Tube and fitting and CUPLOK® system scaffolding components
- Practical inspection of scaffold
- Identification of scaffolding faults and hazards
- Safety requirements
- Test paper

## **No of delegates**

6-10

## **Training methods**

Lectures, presentation, practical examples.

## **Certification**

Successful delegates will receive a Harsco Infrastructure Scaffolding Inspection certificate.

## **PPE requirement**

Mainly classroom format, but delegates should bring a safety helmet, boots, gloves and eye protection, plus casual clothes.

## **Course duration**

Option of 1 or 2 days.

# CISRS System Scaffold Training for CUPLOK®

## Course

Harsco CISRS scaffold training course to enable delegates to have their existing CISRS Scaffolder or Advanced Scaffolder card suitably endorsed with CUPLOK®.

Please note the minimum criteria for this course is evidence of the completion of CISRS Part 1 training.

## Course objectives

Provides existing CISRS card holders with the knowledge and skills to erect, alter and dismantle the CUPLOK® system scaffold product.

## Who will benefit

Existing CISRS card holders who are using or intend to use the CUPLOK® system scaffold.

## Course content

- General principles of the CUPLOK® system
- Safety regulations and guidance including Work at Height Regulations
- Component range – scaffold boards and Omega batten system
- Applications – façades, loading bays, circular, staircase towers
- Bracing, loadings and tie requirements
- Practical building of access tower, birdcage, loading bays, staircase tower and independent

## No of delegates

Maximum of 9

## Training methods

Lectures, video, demonstration, practical use.

## Certification

CISRS certificate of training and delegates can apply for endorsement of their cards.

## PPE requirement

Delegates should bring a safety helmet, scaffolders harness, boots, gloves and eye protection, plus casual clothes.

## Course duration

2 days.



# Low-level Access

## Course

The selection and safe use of access products with working platform levels of up to 2m.

## Course objectives

To enable delegates to select and safely use appropriate access systems for low-level work including ladders, steps, podium step platforms and low-level towers.

## Who will benefit

All those involved in the use or supervision of low-level access equipment.

## Course content

- Safety requirements under the Work at Height Regulations
- Typical equipment
- Safe installation and use
- Test paper

## No of delegates

6-10

## Training methods

Lectures, presentation, demonstration, practical use.

## Certification

Successful delegates will receive a Harsco Infrastructure competency certificate.

## PPE requirement

Delegates should bring a safety helmet, boots and gloves, plus casual clothes.

## Course duration

1 day.



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# Low-level CUPLOK® Scaffold System



## Course

The safe assembly and dismantling of two lift CUPLOK® scaffolds (3-4m high) for low-level brickwork and housing type applications. This is a suitable course for contractors seeking alternatives to trestle applications.

## Course objectives

To enable delegates to competently build safe scaffold working platforms up to 4m in height.

## Who will benefit

All those involved in the installation of scaffolding work platforms up to 4m high: small building contractors, bricklayers, shop-fitters and decorators.

## Course content

- Understanding the system scaffold concept, principles and use
- Applications
- Identification of components
- Stability and safe securing of the scaffold structure
- Calculating basic quantities
- Practical erection of CUPLOK® scaffolding
- Test paper

## No of delegates

6-8

## Training methods

Lectures, demonstration, practical use.

## Certification

Successful delegates will receive a Harsco Infrastructure Low-level CUPLOK® certificate.

## PPE requirement

Delegates should bring a safety helmet, boots, gloves and eye protection, plus casual clothes.

## Course duration

1 day.

## Note

Delegates should be competent and comfortable working at height.

# Edge Protection Systems

## Course

The installation and safe use of the Harsco Infrastructure's edge protection equipment system including EXTRAGUARD™.  
(Based on the Edge Protection Federation (EPF) Training scheme.)

## Course objectives

To enable delegates to safely install various types of edge protection in a range of situations.

## Who will benefit

All those involved in the supervision or installation of edge protection systems.

## Course content

- Applications
- Typical components
- Safety requirements
- Hazards
- BS EN 13374 European Standard
- Installation techniques
- Test paper

## No of delegates

4-8

## Training methods

Lectures, demonstration, practical use.

## Certification

Successful delegates will receive an Edge Protection Federation certificate and a Harsco Infrastructure EXTRAGUARD™ Edge Protection certificate.

## PPE requirement

Delegates should bring a safety helmet, boots, gloves and eye protection, plus casual clothes.

## Course duration

1 day.



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# Falsework Inspection

## Course

A unique new course to aid understanding of safety requirements and hazard detection when using Falsework systems.

## Course objectives

To enable delegates to understand typical types of Falsework equipment, and the design information which guides their safe use. The course will assist delegates to inspect Falsework and identify faults and hazards.

## Who will benefit

Site managers and supervisors responsible for checking that the erection of Formwork and Falsework has been carried out safely and correctly.

## Course content

- Formwork and Falsework definitions
- Basic Falsework functions
- Typical equipment and components
- Understanding design briefs, drawings and loadings
- Safety requirements and standard practice
- Identification of faults, hazards and poor practice
- Test paper

## No of delegates

6-10

## Training methods

Lectures and presentation.

## Certification

Successful delegates will receive a safe inspection of Falsework and Formwork certificate.

## PPE requirement

Mainly classroom format, but delegates should bring a safety helmet, boots, gloves and eye protection, plus casual clothes.

## Course duration

1 day.



# Manual Handling



## Course

The safe lifting and carrying of loads in the office, yard or site.

## Course objectives

To enable delegates to safely lift and carry loads and understand how to reduce the risk of injury or accidents.

## Who will benefit

All those involved in the lifting and carrying of loads within the workplace.

## Course content

- Physical aspects
- Assessment
- Lifting techniques
- Reducing the risk
- Legislation
- Practical
- Test paper

## No of delegates

6-12

## Training methods

Lectures, demonstration, practical use.

## Certification

Successful delegates will receive:

- Harsco Infrastructure Manual Handling training competency certificate
- Course handouts

## PPE requirement

Delegates should bring a safety helmet, boots, gloves and eye protection, plus casual clothes.

## Course duration

½ day.

For bookings please contact your local Training Co-ordinator Tel: **0844 335 8860** Email: **training@harsco-i.co.uk**

# Work at Height Competency



## Course

The principles of the 'Work at Height Regulations', the selection and use of suitable access equipment.

## Course objectives

To enable delegates to become competent in the selection and appropriate use of access equipment for working at height.

## Who will benefit

All those responsible for the planning, selection or supervision of access equipment for working at height.

## Course content

- The Work at Height Hierarchy
- Duties under the Work at Height Regulations
- Requirements for organisation, planning and competence
- Selection of work equipment
- Different types of equipment and their safety issues
- Use of ladders, steps and low-level access
- Test paper

## No of delegates

5-12 (larger groups by arrangement)

## Training methods

Lectures, demonstration, practical use.

## Certification

Successful delegates will receive a Harsco Infrastructure Work at Height Competency certificate.

## PPE requirement

Mainly classroom format, but delegates should bring a safety helmet, boots, gloves and eye protection, plus casual clothes.

## Course duration

1 day.

# Notes

# Learning Centre locations

Training can be organised on site, at customers' premises (subject to suitability) or at one of Harsco Infrastructure's own nationwide Learning Centres.

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Tel: 0844 335 8860 Email: [training@harsco-i.co.uk](mailto:training@harsco-i.co.uk) or visit [www.harsco-i.co.uk](http://www.harsco-i.co.uk)



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