



SAFETY CENTRE

Industrial and Hazardous Safety Training

Scaffolding Training and International Certification



2. International Competence Scheme (ICS)

The International Competence Scheme (ICS) has been developed to provide a competence accreditation facility for operative, management and supervisory training overseas. ICS is divided into three categories, with each category offering different courses and programmes.

These categories are:

- a) Operative Training**
- b) Management and Supervisory Training**
- c) Inspection Training**

The operative training schemes apply to all operatives who are at any time required to work with scaffolding and access equipment or other processes that require a level of competence. An operative who has not attained prescribed levels of training, assessment and experience should only work under adequate supervision until the required level of competence is achieved.

As well as the moral responsibility for ensuring that employees and other are not at risk, employers should demonstrate compliance with the requirements of local health and safety regulations and civil liability provisions with regard to training, competence, inspection and supervision.

The aim of the ICS is to provide a range of management and supervisory training that meets the specific needs of industry.

Training and assessment within the ICS can only be provided by ICS Accredited personnel using content and facilities that are approved and regularly audited.

The following sections provide information and an overview of the various schemes available.

3. Scaffolding Operative

3.1 The scaffolding operative scheme provided by ICS Accredited Instructors is a training and assessment scheme for Scaffolding. It is regarded many employers as scaffolding industry best practice overseas for establishing competence. ICS provides training certification, assessment and card schemes for Scaffolding operatives whom use tube and fitting and system scaffolding. ICS Scaffolder Cards are only issued to candidates who:

- **Attend the relevant ICS training course(s),**
- **Have the required site experience in scaffolding operations; and,**
- **Provide suitable evidence for assessment.**
- **Complete the relevant skills test and assessment**

The Scheme Cards are endorsed with the competence achieved.

3.2 ICS Scaffolder (Tube and Fitting Route)

The ICS Scaffolder (Tube and Fitting) is aimed at scaffolding operatives who require scaffolding skills and knowledge in using traditional tube and fitting scaffolding equipment.

3.3 Basic Scaffolder (Tube and Fitting)

New entrants into the scheme are classed as 'Trainee' Scaffolders until they have satisfactorily completed the approved training and assessment required to be deemed a competent 'Basic Scaffolder'.

3.4 Basic Scaffolder (Tube and Fitting)

Training Course Specification

Duration: 5 days

Attendees: This course is aimed at trainee Scaffolders who require basic scaffolding skills training. Training is to be carried out at approved ICS centre or on client's sites.

Objectives: To give the attendees such knowledge and skills to enable them to erect, alter and dismantle basic scaffolding structures in traditional tube and fitting and common system scaffolds.

Certification: Successful delegates will receive 'International Competence Scheme' Certificate of Training and can apply for an 'International Competence Scheme' Record Card for Basic Scaffolder.

Content:

- Statutory Regulations and Codes of Practice
- BS EN 12811 and TG20
- Safe Handling and Inspection of Materials (Manual Handling)
- Preventing Falls in Scaffolding (SG4)
- 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)

Successful attendees can progress to Scaffolder after 6 months skills application experience on site.

3.5 Scaffolder (Tube and Fitting)

Basic Scaffolders that have completed six months applying their skills on site will be to attend further training via the “Scaffolder Course”.

3.6 Scaffolder (Tube and Fitting)

Training Course Specification

Duration: 10 days

Attendees: Delegates must complete the ICS Basic Scaffolder 5 day course and have held the certificate for at least 6 months. Training is to be carried out at an ICS approved centre or on client’s sites.

Objectives: To give the attendees such knowledge and skills to enable them to erect, alter and dismantle scaffolding structures of an intermediate complexity in traditional tube and fitting and common system scaffolds.

Certification: Successful delegates will receive a International Competence Scheme Scaffolder’ Certificate of Training and can apply for an ‘International Competence Scheme’ Record Card for a Scaffolder.

Content:

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

- Ramps
- Skills Test (Practical)
- Knowledge Test (Theory)
- *Scaffolders can progress to Advanced Scaffolder after 12 months skills application experience on site.*

3.7 Advanced Scaffolder (Tube and Fitting)

Operatives that have completed twelve months in possession of a Scaffolders Card will be eligible to attend further training via the “Advanced Scaffolder Course”.

3.8 Advanced Scaffolder (Tube and Fitting)

Training Course Specification

Duration: 10 days

Attendees: Delegates must complete the International Competence Scheme 10 day course and held the certificate for at least 12 months.

Objectives: To give the attendees such knowledge and skills to enable them to erect, alter and dismantle scaffolding structures of an advanced complexity in traditional tube and fitting and common system scaffolds.

Certification: Successful delegates will receive ‘International Competence Scheme’ Certificate of Training and can apply for an ICS Record Card for Advanced Scaffolder.

Content:

- Statutory Regulations and Codes of Practice
- BS EN 12811 and TG20
- Safe Handling and Inspection of Materials (Manual Handling)
- Preventing Falls in Scaffolding (SG4)
- 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)

4.0 System Scaffold Product Awareness Training

4.1 We recognise the need for Scaffolders to full understand the requirements of the manufacturer’s instructions when erecting proprietary system scaffolding.

We offer product training for a variety of system scaffolds types, including:

- Cuplok
- Kwikstage
- Layher Allround

- Haki Universal
- Climastage
- Ringscaff

And more...

Although system scaffolding is covered on the ICS Scaffolder courses, we also offer a 2 day product awareness course to provide more in depth training on the use of specific system scaffold products and the relevant manufacturers' instructions.

Existing ICS Card holders can have this product training endorsed on the back of their card, in addition to the System Scaffold Product Training certificate they will receive for successfully completing the course.

5.0 Scaffold Inspection Training

The ICS Scaffold Inspection Training scheme is aimed at non-Scaffolders and Scaffolders who require the knowledge and skills to carry out scaffold safety inspections in accordance with local regulations and industry good practice.

This inspection training is divided into two grades:

Scaffold Inspector

- Designed for non-Scaffolders (e.g. managers, engineers etc.) that are required to carry out inspections of standard scaffold structures.
- Attendance of a 2 day training course is to be carried out at an ICS approved centre or on client's sites.
- Complete theoretical and practical tests.
- Successful candidates receive a Scaffold Inspector Certificate and can apply for a Scaffolder Inspector Record Card (Valid for 5 Years)

Advanced Scaffold Inspector

- Designed for experienced Scaffolders and others who have held a Scaffold Inspectors Card for at least 1 year and are required to inspect advanced structures
- Attendance of a 2 day training course is to be carried out at an ICS approved centre or on client's sites.
- Complete theoretical and practical tests
- Successful candidates receive an Advanced Scaffold Inspector Certificate and can apply for an Advanced Scaffolder Inspector Card (Valid for 5 Years)

6.0 Scaffold Supervisor

To provide competence to supervise and meet local supervisory requirements has developed this training programme specifically for people responsible for the direct supervision and management of scaffolding operatives including:

- **Foreman Scaffolders**
- **Scaffolding Supervisors**
- **Contract Supervisors**
- **Contract Managers**

This course is designed to provide supervisory staff and management, responsible for the supervision of Scaffolders and scaffolding operations, with the key skills and knowledge required;

This Three Day course includes:

- Health & Safety Best Practice (including Risk Assessments and Method Statements)
- Legal Overview (Local Regulations)
- Scaffolding Standards
- Communication Skills (including Task Briefings & Toolbox Talks)

- Supervisory Skills
- Reporting and recording accidents and incidents.
- Design Awareness and Interpretation
- Theory Tests
- Practical Exercises (Scaffold Inspection & Toolbox Talks)
- Risk Assessment Project

7.0 Refresher Training and ICS Card Renewal

ICS Record Cards expire after 5 years; to renew their certificates and cards current holders are required to attend a 1 day scaffolding refresher training course and apply for their card to be renewed. Where card holders wish to have their card endorsed with any further training they have undertaken, they will need to provide a copy of their certificate and apply for a new card with the additional endorsements.