

**EC  
ITB\***

# **Training and Qualifications Options**

## Who are the ECITB?

The ECITB (Engineering Construction Industry Training Board) and its international arm, ECITB Global, is a leading employer-led skills, standards and qualifications body based in Great Britain and sponsored by the UK Government's Department for Education.

It exists to attract and develop the engineering construction workforce of Great Britain and offer the same recognised craft, technical and professional skills worldwide. It is responsible for developing and maintaining Britain's National Occupational Standards for the industry. These form the basis of its Training Standards, Vocational Qualifications, Technical Tests and Licensed Programmes, which are all delivered through a network of almost 200 approved training providers in more than 25 countries.



OIL & GAS



NUCLEAR



PHARMACEUTICALS



RENEWABLES



WATER



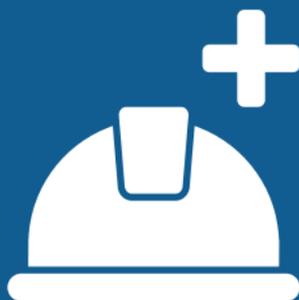
FOOD AND DRINK



POWER



CHEMICALS



## CCNSG Safety Passport

# CCNSG Safety Passport

**Duration: National Course - 2 days, Renewal Course - 1 day**



**What is it?** The Client Contractor National Safety Group Safety Passport is engineering construction industry's safety card. Workers must have a valid CCNSG Safety Passport to enter many engineering construction sites across the UK and as a result, around 30,000 people complete the course yearly. Each card is valid for 3 years.



**Who is it for?** It is suitable for all site staff and ensures that there is a base level of health and safety awareness that enables employees at every level to work more safely with a lower risk to themselves and others. The qualification can be adapted to suit a variety of industries and sectors outside of engineering construction.



**What does it cover?** Key topics include: Safe behaviours at work / Risk Assessments / Hierarchy of Control / Manual Handling / Use of Work Equipment Regulations / Hand Arm Vibration / Confined Spaces / Working at Height / Lifting Operations and Regulations / Site Transport / Signage / Excavations / Electric Isolation / Environmental Concerns and Reporting Injuries and other dangerous occurrences.



**How is it delivered?** This course is delivered face to face in a classroom through one of the ECITB's Approved Training Providers located across the UK. The National Course takes two days including the Assessment and the Renewal Course one day. A "Test Only" option is available for renewals.

**How do I get started?** Whether you are an employer, training provider or individual learner, more information is available on both our UK and Global websites, including links to "Contact Us".





## **International Health and Safety Passport (IHSP)**

# International Health and Safety Passport (IHSP)

Duration: Foundation - 1 day, Advanced – 2 day, Supervisor – 1 day



**What is it?** The IHSP is an internationally recognised health and safety scheme offered at three levels (Foundation, Advanced and Supervisor). The qualification is transferable across countries/sites and is valid for 3 years. The ECITB issues around 60,000 safety passports each year worldwide and it has been used by contractors as a minimum health and safety requirement on numerous large scale projects.



**Who is it for?** It is suitable for all site staff and ensures that there is a base level of health and safety awareness that enables employees at every level to work more safely with lower risks to themselves and others. The qualification can be used across a wide variety of industries and sectors.



**What does it cover?** Key topics include: Safe behaviours at work / Risk Assessments / Hierarchy of Control / Manual Handling / Use of Work Equipment Regulations / Hand Arm Vibration / Confined Spaces / Working at Height / Lifting Operations and Regulations / Site Transport / Signage / Excavations / Electric Isolation / Environmental Concerns / Reporting Injuries and other dangerous occurrences.



**How is it delivered?** This course is delivered in English in a classroom through one of the ECITB's Licenced Training Providers who are located across the world. It includes case studies, group discussions and an assessment. It can also be delivered in other languages.

**How do I get started?** Whether you are an employer, training provider or individual learner, more information is available on both our UK and Global websites, including links to "Contact Us".





# **CCNSG Safety Passport – Leading a Team Safely (LaTS)**

# CCNSG Safety Passport – Leading a Team Safely (LaTS)

Duration: 1 day course

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**What is it?** The LaTS course is a one-day workshop designed to provide an essential introduction to managing small teams within the context of the Health & Safety. Primarily designed for the engineering construction industry, it can be equally applied to other sectors and industries.



**Who is it for?** This is for those that are expected to lead a team on sites in the UK and who already hold the ECITB's CCNSG Safety Passport.



**What does it cover?** It teaches Team Leaders how to:

- Communicate Health and Safety messaging successfully
- Achieve safe outcomes for their teams
- Work safely with others.



**How is it delivered?** This one day course is delivered in a classroom through one of the ECITB's Approved Training Providers that are located across the UK.

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## **Confined Space Entry Low Risk**

# Confined Space Entry – Low Risk

**Duration: 1 day course**

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**What is it?** This course provides the skills and knowledge necessary for those required to work in Low Risk Confined Spaces to do so safely and competently. The certification is valid for two years.



**Who is it for?** It is intended for any employee that will be or is likely to be working in Low Risk Confined Spaces. Low Risk Confined Spaces are typically those with adequate natural or mechanical ventilation, with simple unobstructed access, where there is no risk of flooding or gases and vapours present.



**What does it cover?** Topics taught include identifying potential hazards, use of gas monitors, Risk Assessments, Permits to Work, communications, medical requirements to work in confined spaces, ingress and egress, PPE rescue and emergency procedures.



**How is it delivered?** This course is delivered in a classroom with the practical element conducted using confined space units at one of the ECITB's licensed Training Providers located around the world. The final assessment includes knowledge and practical elements.

**How do I get started?** Whether you are an employer, training provider or individual learner, more information is available on both our UK and Global websites, including links to "Contact Us".





## **Online International Health and Safety Passport (e-IHSP)**

# Online International Health and Safety Passport (e-IHSP)

Duration: 6 hour course

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**What is it?** The e-IHSP is a fully online way of attaining the ECITB's Internationally Health and Safety Passport at Foundation Level. It provides a convenient and cost effective way to ensure workers at all levels possess a basic health and safety knowledge and awareness. Once completed it allows the learner to progress to Advanced and Supervisor level training.



**Who is it for?** It is suitable for all site staff and ensures that there is a base level of health and safety awareness that enables employees at every level to work more safely with lower risks to themselves and others. The qualification can be used across a wide variety of industries and sectors.



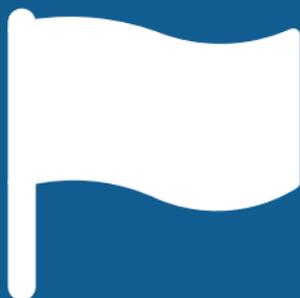
**What does it cover?** Key topics include: Safe behaviours at work / Risk Assessments / Hierarchy of Control / Manual Handling / Use of work equipment Regulations / Hand Arm Vibration / Confined Spaces / Working at Height / Lifting Operations and Regulations / Site Transport / Signage / Excavations / Electric Isolation / Environmental Concerns / Reporting Injuries and other dangerous occurrences.



**How is it delivered?** It is delivered online and can be accessed through any desktop or laptop with a camera at any time. It must be completed within one month following registration but can be done over multiple sessions. A confirmatory exercise at the end of each topic allows progression and there is a proctored Final Assessment.

**How do I get started?** Whether you are an employer, training provider or individual learner, more information is available on both our UK and Global websites, including links to "Contact Us".





## Flagman



# Flagman

**Duration: 3.5 hour course**

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**What is it?** This is a course that equips workers with the essential skills to provide accurate and safe direction to drivers of all vehicles, particularly large trucks and plant equipment, whilst they ingress, egress and move around sites. This certification is valid for 2 years.



**Who is it for?** Anyone with responsibility for the safe operation and movement of vehicles on sites, including drivers and plant operators.



**What does it cover?** The duties and responsibilities of a Flagman, the hazards associated with static and moving vehicles on industrial sites, specific dangers, working with plant and universally recognised signs and signals for drivers and operators.



**How is it delivered?** This course is classroom based through one of the ECITB's Licensed Training Providers who are located across the world. It comprises presentations, learner activities and a final assessment.

**How do I get started?** Whether you are an employer, training provider or individual learner, more information is available on both our UK and Global websites, including links to "Contact Us".





**International Competence:  
Engineering Construction  
Scheme (ICE)**

# International Competence: Engineering Construction Scheme (ICE)

**Duration: Training and Assessment route - 1-2 years**  
**Assessment only route - 1-2 weeks**

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**What is it?** ICE is a global engineering construction industry scheme that ensures the competence of workers. An ICE Card allows employers to check and validate the skills and job knowledge of their workforce and is issued after an individual demonstrates they have the knowledge, skills and proficiency to perform their role through a quality assured assessment process and having successfully gained an ECITB International Health and Safety Passport qualification.



**Who is it for?** Individuals on vocational/apprenticeship training programmes would typically complete the Training and Assessment route whilst experienced workers looking to demonstrate competence would complete the Assessment only route (a skills validation programme).



**What does it cover?** The scheme covers over twenty ECI trades and more than two hundred individual Technical Tests. ICE Frameworks can be set at Levels 1-4 and the qualification is valid for 3 years.



**How is it delivered?** The scheme is delivered at approved ECITB technical facilities that are provided through one of the ECITB's Licenced Training Providers located around the world.

**How do I get started?** Whether you are an employer, training provider or individual learner, more information is available on both our UK and Global websites, including links to "Contact Us".





**ECITB Level 3  
International Diploma**

# ECITB Level 3 International Diploma

**Duration: 6-9 month course**

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**What is it?** The ECITB Level 3 International Diploma is an academic engineering qualification that can be used as a stand-alone engineering qualification or to complement and support the theoretical component of the ECITB's ICE vocational programmes.



**Who is it for?** It is suitable for either those who want a stand-alone Level 3 Engineering academic qualification or it can be incorporated to compliment existing vocational/apprenticeship training programmes.



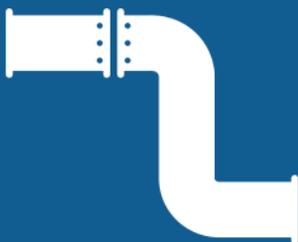
**What does it cover?** There are six mandatory core modules and three discipline specific elective pathways. The core modules comprise Planned Maintenance, Maintenance Activities, Diagnosing Faults, Scoping Repairs, Equipment Testing and Results Analysis. The elective pathway modules have multiple topics either in Mechanical, Electrical or Instrumentation and Controls.



**How is it delivered?** This qualification is delivered through one of the ECITB's Licensed Training Providers who are located across the world. Classroom based learning is a mix of presentations, experiments, exercise and project work. Each unit within a module is assessed through individual testing.

**How do I get started?** Whether you are an employer, training provider or individual learner, more information is available on both our UK and Global websites, including links to "Contact Us".





## **Mechanical Joint Integrity (MJl)**



# Mechanical Joint Integrity (MJI)

Duration: 2.5 days – 6 months

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**What is it?** Training and/or Testing for workers intended to reflect “good practice” for their technical competence in mechanical joint operations both on and offshore. The scheme comprises four stages: Stage 1 – Training; Stage 2 - Work Experience; Stage 3 - Competency Testing and Stage 4 - Re-Testing.



**Who is it for?** It is suitable for new entrants through to experienced workers involved in mechanical joint operations across multiple industry sectors.



**What does it cover?** MJI First Principles, Hand and Hydraulically Torqued Flange Bolted Connections, Hand and Hydraulically Torqued Clamp Connectors, Hydraulically Tensioned Bolted Connections, Hydraulically Tensioned and Torqued Subsea Bolted Connections and Powered Torque Gun Bolted Connections.



**How is it delivered?** Through one of the ECITB's Licenced Training Providers that are located across the world. Training is delivered through tutor led presentations, case studies and end of topic assessments. Teaming this with work experience leads to Technical Tests that demonstrate competency. If wanted, these can be linked to the ECITB's International Competence: Engineering Construction (ICE) Scheme.

**How do I get started?** Whether you are an employer, training provider or individual learner, more information is available on both our UK and Global websites, including links to “Contact Us”.





## Rigging

# Rigging

**Duration: Training and Experience route - 1-2 years**

**Assessment only route - 1-2 weeks**

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**What is it?** Rigging training and testing assures the competence of Riggers in the engineering construction industries. It meets UK and international industry requirements through a programme of training that includes subsequent work-based experience and assessment, or there is an “Assessment Only” route for experienced Riggers. The qualification is valid for three years.



**Who is it for?** This is suitable for any workers who are looking to demonstrate and validate their technical competence in rigging.



**What does it cover?** There are multiple topics depending on the level:

- Level 2 – Moving loads by manual operation, lifting, slinging, cross hauling construction materials safely
- Level 3 – Rigging, moving, rotating and upending complex materials safely, lifting plans, cross hauling and installing vessels in restricted access areas
- Level 4 – Appointed Person duties and responsibilities including planning rigging operations



**How is it delivered?** Through one of the ECITB's Licenced Training Providers located across the world. Training is delivered through tutor led presentations, case studies and rigging specific technical tests.

**How do I get started?** Whether you are an employer, training provider or individual learner, more information is available on both our UK and Global websites, including links to “Contact Us”.





## Scaffolding

# Scaffolding

**Duration: Training and Experience route - 1-2 years**

**Assessment only route - 1-2 weeks**

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**What is it?** Scaffolding training and testing assures the competence of Scaffolders in the engineering construction industries. It meets UK and international industry requirements through a programme of training that includes subsequent work-based experience and assessment, or there is an “Assessment Only” route for already experienced Scaffolders. The qualification is valid for three years.



**Who is it for?** This is suitable for any worker looking to demonstrate and validate their technical competence in scaffolding.



**What does it cover?**

- Level 1 – Scaffolding Labourer
- Level 2 – Basic Scaffolder
- Level 3 – Advanced Scaffolder
- Level 4 – Scaffolding Inspector



**How is it delivered?** Through one of the ECITB's Licenced Training Providers located across the world. Training is delivered through tutor led presentations, case studies and scaffolding specific technical tests.

**How do I get started?** Whether you are an employer, training provider or individual learner, more information is available on both our UK and Global websites, including links to “Contact Us”.





## **Supervising Excavations**

# Supervising Excavations

Duration: 2 day course

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**What is it?** This course provides the skills and knowledge necessary for those required to supervise and manage the safety of excavation activities on site. This certification is valid for two years.



**Who is it for?** It is intended for any employee that has or is likely to have responsibility for the safety of other workers around excavation works.



**What does it cover?** Topics taught include identifying hazards, planning, control and site management, use of materials and excavation equipment, communication methods, emergencies and reinstating sites following excavation work.



**How is it delivered?** This course is delivered in a classroom through one of the ECITB's Licenced Training Providers who are located across the world. It comprises a mix of presentations, learner activities, report writing and a series of progress assessments.

**How do I get started?** Whether you are an employer, training provider or individual learner, more information is available on both our UK and Global websites, including links to "Contact Us".





## Technical Tests

# Technical Tests

**Duration: Courses vary between 2 hours and 2 days**

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**What is it?** There are over 200 individual technical tests across 20 trades, all of which have been designed in consultation with industry to meet engineering construction industry requirements. Technical Tests confirm that an employee has the skill, ability, and sufficient job knowledge relevant to the work they are required to carry out.



**Who is it for?** Technical Tests are suitable for any individuals who may be in the process of completing vocational/apprenticeship training programmes, through to more experienced workers looking to demonstrate and validate their technical competence in particular skills.



**What does it cover?** Generally they comprise two elements: the knowledge testing and practical skills testing. A number of disciplines also have “knowledge only” tests available at Levels 2 and 3 for solely testing theory. All can be linked into either the ECITB's Connected Competence Framework (if in the UK) or the International Competence: Engineering Construction (ICE) Scheme (if outside the UK).



**How is it delivered?** Tests can be delivered through ECITB's Approved Training Providers who are located worldwide. Technical Tests typically comprise an online theoretical test followed by a practical assessment and have a 3 year validity.

**How do I get started?** Whether you are an employer, training provider or individual learner, more information is available on both our UK and Global websites, including links to “Contact Us”.





# Wind Turbine Maintenance

# Wind Turbine Maintenance

**Duration: Modular 3 – 10 day course**

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**What is it?** This course provides the theoretical and practical training necessary for the maintenance and statutory inspection of wind turbine support systems. The certification is valid for three years.



**Who is it for?** Any workers required to perform routine maintenance and inspections of wind turbines.



**What does it cover?** The full course (10 days) comprises four modules (all modules are optional less for the Core module)

- Core – mandatory in order to progress to other modules (3 days)
- Compact and Davit Cranes (3 days)
- Service Lift (3 days)
- Working at Height Systems and Equipment (1 day)



**How is it delivered?** This course is delivered by experienced instructors through one of the ECITB's Approved Training Providers in the UK. The course itself is a mix of classroom based theory and knowledge training with a strong emphasis on the practical elements. Each module is assessed separately.

**How do I get started?** Whether you are an employer, training provider or individual learner, more information is available on both our UK and Global websites, including links to "Contact Us".





## **Working at Height (WaH)**

# Working at Height (WaH)

**Duration: 1 day course**

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**What is it?** This course provides the skills and knowledge necessary to work safely and competently on site at any height above immediate ground level. The certification is valid for three years in the UK or two years if international.



**Who is it for?** Any worker required to work above ground level, noting that a reasonable standard of medical and physical fitness is required for the practical element of the course.



**What does it cover?** Topics taught include WaH Legislation, WaH Categories, the Hierarchy of Measures, equipment inspection and maintenance, selection and safe use of equipment, PPE, fall and impact forces and rescue provision.



**How is it delivered?** This course is delivered in a classroom/workshop through one of the ECITB's Licenced Training Providers located around the world. It comprises a mix of knowledge based learning, practical activities and an assessment.

**How do I get started?** Whether you are an employer, training provider or individual learner, more information is available on both our UK and Global websites, including links to "Contact Us".





## Project Controls

# Project Controls

Duration: 1 day – 9 months

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**What is it?** A range of Level 3 to Level 6 Diploma Project Controls courses, all designed to build the critical skills required for planning and controlling successful projects.



**Who is it for?** There are a variety of courses suitable for trainee technicians, apprentices and document controllers, through to senior project managers.



**What does it cover?** Courses vary depending on the level and specialist area but typical core topics include estimating, planning, scheduling, monitoring and the control of each project stage.



**How is it delivered?** The shorter courses are typically classroom based whilst the longer ones incorporate a blend of classroom, workshops, simulated projects and work experience. All courses have a formal assessment needed to gain the certification.

**How do I get started?** Whether you are an employer, training provider or individual learner, more information is available on both our UK and Global websites, including links to “Contact Us”.



