

Safety, Health and Environment for Construction Site Managers course syllabus

(iosh) Training and Skills™



Guided learning hours

A total of 30 hours made up of:

- 29 hours 30 minutes of learning
- 30 minutes for the assessment

You have the flexibility to deliver this to client need. However, it must not be delivered in less than four days.

The assessment must be done once the full course has been completed.

Target audience

Anyone who oversees or manages safety, health and environmental risks associated with construction activities.

Level

Awareness

Course pre-requisites

None

Course content

Setting the scene

Content

The learner will understand:

- the unique issues to be managed in the construction industry to protect employees, contractors, neighbours and others
- aspects of successful health and safety management.

Local law and enforcement

Content

The learner will understand:

- the basics of UK law
- the legal duties of the employer, self-employed and employees in the prevention of accidents
- the powers and enforcement options of the local health and safety enforcement bodies
- the benefits of putting a robust health and safety policy in place
- the legal requirements for the provision of information, training and instruction
- the main provisions of the Construction (Design and Management) Regulations 2015.

Preparing for work – general management of the site, workers and contractors

Content

The learner will understand:

- the principles of good leadership, management and employee consultation, engagement and influencing behaviour
- why good site inductions and communication are critical in ensuring a site remains safe
- the importance of competent, trained site personnel
- the importance of toolbox talks to convey / reinforce health and safety messages
- the importance of risk assessments and the development process
- PPE / RPE requirements
- typical signage and its significance
- the importance of method statements

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Course content

Preparing for work – general management of the site, workers and contractors continued...

Content

The learner will understand:

- the use of permits to work
- typical emergency scenarios and procedures for dealing with these
- the importance of drills and tests
- requirements for site first-aid arrangements
- key considerations for managing fire hazards
- responsibilities for managing fire risks
- the importance of managing environmental aspects and impacts related to construction projects
- a range of local and global environmental impacts
- the main environmental elements to be protected and the actions to be taken in order to achieve this
- common ecological issues pertaining to construction sites and the management arrangements required
- causes of nuisance and measures to mitigate nuisance
- how land can become contaminated and the actions required to manage work on contaminated ground
- the pollution pathway, causes of pollution and prevention measures
- different types of waste
- the waste control hierarchy and how to manage waste control documentation and processes.

Setting up the site

Content

The learner will understand:

- site requirements for the welfare of construction workers on site
- management of plant and equipment, including mobile plant
- the importance of segregating vehicles and pedestrians and maintaining a safe site
- the hazards and controls for slips, trips and falls
- the key elements of setting out a construction site.

Construction phase health and safety

Content

The learner will understand:

- legal and procedural issues associated with the management of lifting operations
- how to manage lifting operations safely
- inspection regime for lifting equipment
- excavation risks
- control and management of excavation work
- control and management of confined spaces
- rescue procedures from confined spaces
- control and management of fixed electrical systems and electrical equipment on site
- emergency procedures for electrical incidents
- the control of the management of overhead and underground services
- the control of the management of temporary works
- management of mobile, lone and out-of-hours workers.

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Course content

Construction phase health and safety continued...

Content

The learner will understand:

- the key issues and control of working at height including:
 - plans and risk assessments
 - roofs and fragile surfaces
 - common access equipment
 - working platforms and ladders
 - management, use and stability of scaffolds
 - fall arrest and suspension equipment
- the hazards and risks of work equipment, including mobile plant and machinery, and the methods to control use of these
- the key issues and controls associated with mental health
- hazards, risks and control of asbestos
- hazards, risks and control of lead
- hazards, risks and control of noise
- hazards, risks and control of vibration
- hazards, risks and control of manual handling activities
- hazards, risks and control of hazardous substances
- hazards, risks and identification of drug and alcohol problems in the workplace
- the importance of measuring, monitoring and reporting health and safety performance in the workplace
- the use of information to demonstrate that health and safety is being managed effectively
- factors to consider when building and preparing for an inspection.

Accidents

Content

The learner will understand:

- why accidents occur, through investigation of root causes
- human factors and their role in accidents
- the reporting of accidents and incidents and how this can be used to identify trends in the workplace
- how to identify and implement corrective actions.

Recap and questions; exam

Content

- Learners will be able to demonstrate understanding of the course syllabus through passing the examination