



Level 2 Construction Assembly and Installation Operative Apprenticeship Standard

Course Name	Start Date	End Date	Site	Total Fees
Construction Assembly and Installation Operative L2 Standard (JC)			Off Site	650.00

Subject Area

Construction

Course Description

This occupation is found in the construction sector. On site assembly of manufactured components is a rapidly growing part of the construction sector, representing 15% of the market in 2018. Projects include; infrastructure, residential, commercial, retail, healthcare, education, rail, prisons and leisure. Structures and components are manufactured in factories and then transported to the construction site, ready for location, connection and finishing. Materials can include concrete, timber, modular and portable buildings and can include plastic and steel components. Projects can be small local ones such as a bespoke house or nationwide in large scale developments such as residential and social housing, schools and hospitals. These can be permanent, temporary or re-locatable.

The broad purpose of this occupation is to use elements manufactured off site, installed and assembled in a construction site environment.

Course Content

In their daily work, an employee in this occupation interacts with team colleagues and supervisors as well as those from other organisations such as main contractors, sub-contractors, architects, engineers, plant operators, drivers, Health and Safety Executive representatives, Environment Agency, site managers, construction managers and other trades. The occupation involves working outside on a construction site, in a range of weather conditions, on projects anywhere in the UK. In some instances it will involve travelling and working away from home.

An employee in this occupation will be responsible for the assembly and installation of manufactured components to agreed design specification and tolerance. This includes the safe handling, moving, installing and finishing to specification and within deadlines under the guidance of senior team colleagues or a supervisor depending on the size of the organisation.

The apprenticeship consists of four optional routes:

1. Pre-cast Concrete
2. Timber Frame
3. Relocatable Modular and Portable Buildings
4. Permanent Modular Buildings

Typical job titles include precast installer, precast erector, slinger signaller, modular installer, concrete finisher,

timber frame erector, modular and portable building operative, modular cabin fitter, modular building installer, timber framer, timber frame assembly operative, timber frame installer, structural insulated panels (SIP) installer.

Core Skills;

Carry out pre-use checks of all lifting and handling equipment to be used for the project

Pre-use checks of equipment and resources

Check work area is safe at all times and in line with method statements and risk assessments

Comply with the current legislation, work instructions and toolbox talks to carry out the work and maintain safe and healthy work practices

Use a range of equipment, hand and power tools to carry out the assembly and installation

Apply safe working techniques for moving, lifting and handling pre-assembled, manufactured elements

Read, interpret and work to drawings, specifications and construction information e.g. lifting plan, logistics plan, manufacturers information

Fixing temporary works for stability and safe access

Working under site supervision to align the installation into position

according to specifications, drawings, models including digital equipment e.g. laser levels, theodolites, Global Positioning Systems

Follow connection details and ensure it has been installed according to specification

Select and use materials according to specification

Carry out quality checks against specification and take remedial action where instructed

Complete documentation related to the project e.g. timesheet, delivery notes, method statements

Maintain a clear and tidy workspace and ensure that waste materials are disposed of in accordance with current legislation

Core Behaviours;

B1: Working safely: in accordance with legal, regulatory, contractual and company procedures.

B2: Effective communication: oral, written, listening, body language, digital and personal presentation.

B3: Team work: work effectively and respectfully with others with minimum supervision, having consideration for equality and diversity.

B4: Independent working: take responsibility for completion of your own work.

B5: Logical thinking: use clear and valid reasoning when making decisions to undertake the work instructions.

B6: Working effectively: undertake the work in a timely and productive manner.

B7: Adaptability: be able to adjust to changes to the work instructions.

B8: Customer focus: deliver work to required quality standards.

Assessment Methods

All apprentices must undertake an independent endpoint assessment which is an assessment of the knowledge, skills and behaviours which have been developed throughout the apprenticeship. The purpose of the assessment is to make sure the apprentice meets the standard set by employers and are fully competent in the occupation.

Duration

Typical completion time is likely to be 18-24 months. This may reduce if an apprentice has gained previous relevant knowledge and skills.

Entry Requirements

Apprentices must complete, or have previously completed recognised English and Mathematics Level 1 qualifications and aspire to achieve English and Mathematics Level 2 qualifications during the apprenticeship.

Course Fees

There is no charge to the apprentice

£13,000 – employer apprenticeship Levy payers will pay the full cost from their levy: employers with 49 or less staff with an apprentice ages 16-18 years will pay no fees; all other employers will pay 5%. Prices are subject to discussion and agreement based on circumstances.

Progression Options

To progress into a full time job role within the sector