

Unit 16: Installing roof cladding

Unit code: D/503/4949

QCF Level: 2

Credit value: 5

Guided learning hours: 30

Unit aim and purpose

This unit should enable learners to understand the tools, equipment and working techniques used to perform roofing cladding tasks and gives learners the opportunity to use these techniques to lay and fix roof sheeting systems to a domestic dwelling.

Learning outcomes and assessment criteria

In order to pass this unit, the evidence that the learner presents for assessment needs to demonstrate that they can meet all the learning outcomes for the unit. The assessment criteria determine the standard required to achieve the unit.

Learning outcomes	Assessment criteria
1 Understand the preparation required in roof cladding	1.1 explain how to comply with legislation for the safe handling and transportation of roof sheets 1.2 identify materials, tool and equipment associated with a given roofing decking system 1.3 explain standard safe fixing procedures to a domestic roof structure 1.4 explain crane handling methods for site transporting and storage of materials and equipment 1.5 explain the importance of dealing with waste appropriately, including minimising its creation
2 Be able to carry out roof cladding operations safely at height	2.1 select resources and equipment required to carry out a specified activity to a contract specification, applying safe working practices 2.2 carry out standard fixing methods

	<p>of roof decking operations to a purlined roof carcass to a contractor specification safely</p> <p>2.3 carry out standard square cutting techniques of roof sheet to a contract specification safely</p> <p>2.4 carry out the ridge, verge and eaves closure to the roof cladding to a contractor specification, applying safe working practices</p>
--	--

DRAFT

THIS IS AN ACCREDITED SPECIFICATION AND CAN BE USED FOR TEACHING AND ASSESSMENT

Unit content

1 Understand the preparation required in roof cladding

Legislation: main contractor's responsibility for crane handling materials; subcontractor's legal, statutory and contractual lifting responsibilities under health, safety and welfare; operative's role and responsibilities for lifting procedures and documentation

Tools and equipment: manual handling; mechanical movement; power tools and temporary electrical installation

Resources: supporting structures (timber and metal purlined pitched roof carcass); sarking boarding; batten; counter-battening; fillets, hips and valleys

Roofing systems: profiled sheets in grp; metal proprietary systems; warm and cold roof construction; personal protective equipment (PPE)

Waste removal methods: manual and mechanical; transportation; hazardous and non hazardous; hazards to operative; manual and mechanical site clearance operations to site recycling area

2 Be able to carry out roof cladding operations safely at height

Legislation: working at height legislation; Control of Substances Hazardous for Health (COSHH); manual handling; Provision and Use of Work Equipment Regulations (PUWER); operative's role and responsibilities for safety of site environment; Personal Protective Equipment (PPE); temporary electrical installation; safety barriers; preliminary checks for access and egress from the work area that maintains a safe working area; manual handling and transporting roof sheets at height

Roofing systems: proprietary systems in grp and metal; ridge, verge and eaves fittings; self-drive screw fixing; purlined roof carcass; square cutting of roof sheet; ridge, verge and eaves closure to the roof cladding