

ECVET Earth Building	Production of bricks and prefabricated earthen elements	Unit P
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Learning outcomes		Level 5
KNOWLEDGE	SKILLS	
<ul style="list-style-type: none"> - Different types of production lines for bricks, blocs and other elements - Organisation and installation of a specific production (fixed and mobile) - Criteria for selection of equipment for shaping, curing, drying and storing - Innovation and developments related to production of prefabricated earthen elements - Specific life cycle of earth materials - Relevant codes of practice and current standards for production and testing 	<p>Planning</p> <ul style="list-style-type: none"> - Design the production site (space, workers, equipment) - Choose the optimum equipment in the context and scale of the production site needed - Calculate impacts in time and money - Estimate the quantities of mix needed for each days production <p>Coordination</p> <ul style="list-style-type: none"> - With the team install the production site - Organise the team for the optimum production, from shaping to storage - Organise the delivery and control of materials for production - Document productivity, consumption, incidents - Organise the maintenance of equipment <p>Controls</p> <ul style="list-style-type: none"> - Test production applying testing procedures according to national regulations and rules - Control quality at each step of the production: shaping, curing, drying, storing - Test quality on the final product - Check the correct application of the site health & safety plan 	
COMPETENCE		Level 5
<ul style="list-style-type: none"> - Create confidence on production site and underline the particular issues relating to earthen materials and prefabricated elements through site inductions and training where necessary - Manage the efficient production of the earth products - Control the production to be conform to specification and regulations 		

ECVET Earth Building	Production Adobe, CEB, extruded bricks	Unit P
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Criteria and Indicators for the Assessment of Skills		Level 5
Criteria	Indicators	
Planning	<ul style="list-style-type: none"> - The production line is well designed - Equipment is well chosen for the production needed - Consumption of earth mix is well estimated - Ratio of human resource, material and equipment ensures productivity 	
Coordination	<ul style="list-style-type: none"> - The workers are aware of the requirements of the earth materials - The brick production site is well installed - The production of bricks is optimum in quantity and quality - Useful data is collected 	
Controls	<ul style="list-style-type: none"> - Each step of the production is well controlled by the team (level 3 and 4) - The intended quality of the product is achieved - Stocks of the different types of bricks are well stored and well protected - The production is managed safely: <ul style="list-style-type: none"> ○ Personal protection equipment is adapted to risks and is used according to safety instructions ○ Equipment is used according to safety instructions. ○ All protective safeguards are in place ○ Erection of ladders and scaffolding according to regulations 	

Ensure that standards of work and materials comply with relevant codes of practice and to current standards.