

Assessment Schedule

US 24355 (v3) - Demonstrate knowledge of construction and manufacturing materials used in BCATS projects (Level 1, Credit 4)

Outcome 1	Establish job requirements and select construction and manufacturing materials for a BCATS project.	Assessment evidence and judgement
PC 1.1	Job requirements for the project are identified from job specifications.	Assessor observation that: <ul style="list-style-type: none"> • instructions for practical project were read and/or listened to • job requirements were described.
PC 1.2	Materials are selected in accordance with the project requirements.	Assessor observation and evidence gathered from the Assessment Record Sheet: <ul style="list-style-type: none"> • appropriate materials for practical project were selected.
Outcome 2	Describe the properties of selected materials and evaluate their suitability to meet job requirements. Range: four materials, one of which must be a timber.	Assessment evidence and judgement
PC 2.1	The properties of selected materials are described.	Evidence gathered from the Assessment Record Sheet showing: <ul style="list-style-type: none"> • appearance, working qualities, strength, and structural stability of four different materials (including timber) selected for practical project are described.
PC 2.2	The purpose of selected materials is described in accordance with project requirements.	Evidence gathered from the Assessment Record Sheet showing: <ul style="list-style-type: none"> • description of four different materials (including timber) selected for practical project.
PC 2.3	Factors influencing the selection of materials are described. Range: three of – design, aesthetics, ergonomics, cost, availability, jointing methods, durability, health and safety requirements.	Evidence gathered from Assessment Record Sheet showing: <ul style="list-style-type: none"> • reasons for selecting materials (including timber) for practical project are described – reasons must include three of - design, aesthetics, ergonomics, cost, availability, jointing methods, durability, and health and safety requirements.
PC 2.4	The properties and qualities are compared and evaluated between the selected, and alternative, materials.	Evidence gathered from Assessment Record Sheet showing: <ul style="list-style-type: none"> • properties and qualities of each of four different materials (including timber) chosen for practical project and an alternative material are compared and evaluated.
PC 2.5	Reasons for choosing the selected materials are described.	Evidence gathered from Assessment Record Sheet showing: <ul style="list-style-type: none"> • reasons for choice of four different materials (including timber) for practical project are described.