

Assessment Schedule

US 24351 (v3) - Demonstrate knowledge of and use fixed machinery in the construction of BCATS projects (Level 2, Credit 6)

Fixed machinery may include but is not limited to: thicknesser, band saw, bench grinder, drill press, horizontal borer, compound/mitre saw, lathe, surface planer, bench saw, CNC routers, laser cutters, table saw.

Outcome 1	Demonstrate knowledge of the setting up and operation of fixed machinery. <i>Range – at least six fixed machines.</i>	Assessment evidence and judgement
PC 1.1	The machine's purpose, advantages and limitations are identified and described in terms of the manufacturer's instructions for use.	Evidence gathered from the Knowledge Assessment Sheet showing: <ul style="list-style-type: none"> the machinery's purpose, advantages and disadvantages were described accurate description of the correct set up and safe guarding of the machinery was described accurate description of the safe operation of the machinery was described appropriate PPE for the six fixed machines was identified and described. (PPE may include but is not limited to: eye protection, hearing protection, footwear, respiratory protection.)
PC 1.2	The correct set up and safe guarding of the machine are described.	
PC 1.3	The safe operation of the machine is described.	
PC 1.4	Items of personal protective equipment for use with fixed machines are identified and described.	
Outcome 2	Demonstrate procedures for the setting up of fixed machines. <i>Range – at least six fixed machines.</i>	Assessment evidence and judgement
PC 2.1	Machines are isolated from power supply throughout the setup procedures.	Evidence gathered from the Assessor Observation Sheet showing: <ul style="list-style-type: none"> power supply was isolated while machinery was being set up.
PC 2.2	Machines are set up in accordance with job requirements, supervisor's instructions and workplace practice.	Evidence gathered from the Assessor Observation Sheet showing: <ul style="list-style-type: none"> machinery was set up correctly.
Outcome 3	Demonstrate the correct use of fixed machines for the construction of BCATS projects. <i>Range – at least four fixed machines.</i>	Assessment evidence and judgement
PC 3.1	Machines and personal protective equipment are used in accordance with supervisor's instructions and workplace practice.	Evidence gathered from the Assessor Observation Sheet showing: <ul style="list-style-type: none"> machinery was used correctly and with appropriate PPE.
PC 3.2	The machined material is in accordance with job specifications.	Evidence gathered from the Assessor Observation Sheet showing: <ul style="list-style-type: none"> machined material is as per the job requirements.
PC 3.3	Machines and work area are cleaned and cleared after use in accordance with workplace practice.	Evidence gathered from the Assessor Observation Sheet showing: <ul style="list-style-type: none"> machines and work area were cleaned and cleared after use.
Outcome 4	Demonstrate knowledge of maintenance requirements for fixed machines. <i>Range – at least six fixed machines.</i>	Assessment evidence and judgement
PC 4.1	Maintenance requirements for cutting edges, saw teeth or grinder wheels are described in accordance with workplace practice.	Evidence gathered from the Knowledge Assessment Sheet showing: <ul style="list-style-type: none"> correct maintenance requirements for cutting edges, saw teeth or grinder wheels were described routine maintenance requirements were described.
PC 4.2	Routine maintenance requirements of fixed machinery are described in accordance with manufacturers' instructions and workplace practice.	