

Assessment Schedule

US 31813 (v1) - Complete basic concrete works as a BCATS project (Level 1, Credit 4)

Evidence, including photos of completed project and the order form, for this unit standard must be presented for **one** basic concrete works. Basic concrete works may include a planter box, a concrete base for an outdoor seat or table, or projects of similar complexity.

Outcome 1	Calculate quantities and prepare an order for materials for basic concrete works.	Assessment evidence and judgement
PC 1.1	Quantities of materials are calculated from working drawings and job specifications.	Evidence gathered from student's calculations and the Assessor Observation Sheet showing: <ul style="list-style-type: none"> quantities of boxing, cement, and aggregate etc are calculated correctly.
PC 1.2	An order for materials is prepared in accordance with workplace practice.	Evidence gathered using order list: <ul style="list-style-type: none"> order list for the chosen project is correct.
Outcome 2	Construct formwork for basic concrete works.	Assessment evidence and judgement
PC 2.1	Components for formwork are measured and cut to job specifications.	Evidence gathered from the concrete project and the Assessor Observation Sheet showing: <ul style="list-style-type: none"> formwork was measured and cut correctly.
PC 2.2	Formwork is set up to ensure that finished concrete is in accordance with job specifications.	Evidence gathered from the concrete project and the Assessor Observation Sheet showing: <ul style="list-style-type: none"> formwork contains concrete to the shape specified.
PC 2.3	Allowance is made for ease of removal of formwork once concrete is cured.	Evidence gathered from the concrete project and the Assessor Observation Sheet showing: <ul style="list-style-type: none"> formwork was able to be easily removed once the concrete was cured.
Outcome 3	Mix, place, finish and cure basic concrete works.	Assessment evidence and judgement
PC 3.1	Concrete is mixed in accordance with job specifications.	Evidence gathered from the concrete project and the Assessor Observation Sheet showing: <ul style="list-style-type: none"> concrete was mixed to correct consistency.
PC 3.2	Concrete is placed, compacted and finished in accordance with job specifications.	Verified photos of the concrete project and evidence from the Assessor Observation Sheet showing: <ul style="list-style-type: none"> concrete was placed, compacted and finished neatly and correctly.
PC 3.3	Concrete is cured in accordance with job specifications.	Evidence gathered from the concrete project and the Assessor Observation Sheet showing: <ul style="list-style-type: none"> there is no excessive cracking in the cured concrete.
Outcome 4	Complete work operations.	Assessment evidence and judgement
PC 4.1	All operations are safely completed in accordance with workplace practice.	Evidence gathered from the Assessor Observation Sheet showing: <ul style="list-style-type: none"> appropriate PPE selected and used tools and materials used correctly and safely personal safety and safety of others observed.
PC 4.2	Workplace, tools, plant and equipment are cleaned, and tools, plant and equipment stored in accordance with work place practice.	Evidence gathered from the Assessor Observation Sheet showing: <ul style="list-style-type: none"> work area cleaned waste disposed of tools, plant and equipment cleaned and stored correctly.