Assessment Schedule – 2019

Technology: Demonstrate understanding of sustainability in design (91363)

Assessment Criteria

Achievement	Achievement with Merit	Achievement with Excellence
Demonstrating understanding of sustainability in design involves: • explaining how lifecycle considerations determine the focus for design interventions • explaining the relationship between lifecycle design, innovation and sustainability.	Demonstrating in-depth understanding of sustainability in design involves: • explaining how lifecycle analysis is undertaken and how this determines the focus for design intervention • explaining how issues identified by lifecycle analysis led to design innovation being applied in the development of a sustainable technological outcome.	Demonstrating comprehensive understanding of the sustainability in design involves: • Discussing the competing priorities and compromises made as a result of lifecycle analysis in the development of a sustainable technological outcome.

Evidence

N1	N2	A3	A4	M5	M6	E7	E8
Demonstrates very little understanding, and / or is substantially reproduced with little mediation by candidate.	Report is substantially produced by the candidate but demonstrates little understanding. Not enough evidence to show understanding. One part of the required response may be completely missing or several parts may be weak.	Explains as required to show understanding. Some aspects may be partial or weak	Explains as required to clearly show understanding.	Explains as required to show in-depth understanding. Some aspects may be partial or weak.	Explains as required to clearly establish in-depth understanding.	Discusses to show comprehensive understanding. Some aspects may be partial or weak.	Fully discusses to clearly show comprehensive understanding.

N0 = No response; no relevant evidence.

Cut Scores

Not Achieved	Achievement	Achievement with Merit	Achievement with Excellence
0 – 2	3 – 4	5 – 6	7 – 8