

## Evidence checklist Category C12 - Accredited certifier – geotechnical engineering compliance

Criteria no.	Criteria	Membership	Qualification/Unit no.	Experience	Checklist
Specialty knowledge (know and understand...)	C12.1 The design, planning and construction requirements relevant to the category of accreditation and appropriate techniques for their construction	NER – Civil engineer		Annotated performance criteria report – for template, refer to <a href="http://www.bpb.nsw.gov.au">www.bpb.nsw.gov.au</a>	<input type="checkbox"/>
	C12.2 All aspects of soil / rock mechanics and geotechnical engineering and assess/carry out effective analysis and design for foundations, earth retaining structures and pavements				<input type="checkbox"/>
	C12.3 The BCA (Volumes 1 & 2), including documents adopted by reference in the BCA				<input type="checkbox"/>
Specialty skills (ability to ...)	C12.4 Determine the extent of the proposed building works and/or subdivision works to be certified				<input type="checkbox"/>
	C12.5 Determine the extent of constructed building works and/or subdivision works to be certified				<input type="checkbox"/>
	C12.6 Identify and confirm inspection requirements so as to monitor compliance during construction, relevant to the category of accreditation				<input type="checkbox"/>
	C12.7 Plan and conduct inspection(s) of building works and/or subdivision works, to assess and confirm compliance and/or non-compliance, relevant to the category of accreditation and take appropriate action prior to the issue of a compliance certificate				<input type="checkbox"/>
	C12.8 Apply appropriate engineering principles (as relevant to the category of accreditation) to relevant aspects of the construction documentation against relevant BCA, legislative and other requirements when assessing the building or subdivision works for compliance with the relevant requirements				<input type="checkbox"/>
	C12.9 Recognise inconsistencies and contradictions between regulatory instruments and engineering principles or the relevant requirement (relevant to the category of accreditation) and determine the appropriate solution				<input type="checkbox"/>
	C12.10 Develop testing programs, including interpreting and auditing of test results, relevant to the category of accreditation				<input type="checkbox"/>
	C12.11 Evaluate construction specification requirements and materials for building works and subdivision works, relevant to the category of accreditation				<input type="checkbox"/>

Criteria no.		Criteria	Membership	Qualification/Unit no.	Experience	Checklist
	C12.12	Critically review research data to assess its limitations and applications				<input type="checkbox"/>
	C12.13	Interpret, apply and assess compliance with the BCA				<input type="checkbox"/>