

## **Evidence checklist Category C10 - Accredited certifier – fire safety engineering compliance**

Criteria No.		Criteria	Membership	Qualification/Unit no.	Experience	Checklist
Specialty knowledge (know and understand)	C10.	The science of fire	NER – Fire safety engineer		Annotated performance criteria report – for template, refer to www.bpb.nsw.gov.au	
	C10. 2	The principles of fire engineering, fire engineering processes and methodologies		BC810A - UWS		
	C10. 3	Relevant fire engineering guidelines, including the <i>International Fire Engineering Guidelines</i> as amended from time to time				
	C10.	Fire engineering models and tools				
	C10. 5	The design, planning and construction requirements relevant to the category of accreditation and appropriate techniques for their construction				
	C10. 6	Relevant aspects of the BCA (Volumes 1 & 2), including documents adopted by reference in the BCA				đ
Specialty skills (ability to)	C10. 7	Apply scientific and engineering principles to evaluate strategies to protect people and their environment from the consequences of fire				
	C10. 8	Anticipate the behaviour of materials, structures, machines, apparatus, and processes as related to the protection of life and property				
	C10. 9	Assess a fire engineering design and determine whether the alternative solution complies with the relevant performance requirements of the BCA				
	C10. 10	Apply relevant fire engineering guidelines including the <i>International Fire Engineering Guidelines</i> as amended from time to time				
	C10.	Apply fire engineering models and tools				
	C10. 12	Participate constructively in a fire engineering brief				
	C10. 13	Establish and implement an inspection regime so as to monitor compliance during construction, verifying design assumptions during construction and to certify compliance of completed building works				
	C10. 14	Critically review research data to assess its limitations and applications				
	C10. 15	Develop testing programs, including interpreting and auditing of test results, relevant to the category of accreditation				

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	C10. 16	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				
	C10.	Interpret, apply and assess compliance with the BCA				

UWS = University of Western Sydney