SACPCMP
The South African Council for the Project and Construction Management Professions
— CONSTRUCTING NEW PERSPECTIVES —

ANNEXURE B

APPLICATION FORM FOR EVALUATION OF EDUCATIONAL QUALIFICATIONS

A. APPLICANT INFORMATION

Title (Dr/Mr/Mrs/Ms/Prof)		
Name/s		
Surname		
ID or Passport no.		
Designation for which you are applying		
Postal Address		
Contact details	**Tel.**	
	Mobile	
	E-mail	

B. QUALIFICATION VERIFICATION DETAILS

No.	Name of Educational Institution	Name of Qualification attained	Date conferred
1.			
2.			
3.			
4.			

I solemnly declare that, to the best of my knowledge, all the information contained in my application is true and correct.

Applicant's Signature _____

For Office Use

Confirmation of supporting documents (tick✓if submitted)

Completed Curriculum analysis form (Annexure C)	
Proof of Payment	
Certified copies of all qualifications	
Full qualification description from the relevant Qualifications Authority (i.e. SAQA)	
Full academic transcripts	

C. EVALUATION OUTCOME

For office use

Verification of authenticity of Qualification/s Outcome		
Name of qualification		**Outcome**
1		
2		
3		
4		
AUTHORISED SIGNATURE		
DATE		

Qualification Equivalence				
Name of qualification		**Equivalent Recognised/Accredited Qualification for designation**	**Percentage Equivalence**	**Gaps**
1				
2				
3				
4				

OUTCOME			
Qualification	**Approval** (*cross out applicable answer*)		**Remedial Action Required to address gaps (if applicable)**
	Yes	No	
	Yes	No	
AUTHORISED SIGNATURE			
DATE			

ANNEXURE C
CURRICULUM ANALYSIS FORM

Names		**Date Completed**	
Surname		**Designation Applying for**	
ID or Passport No.		**Application Reference No. (*Office use only*)**	

A. PROGRAMME DETAILS

Qualification Title			
NQF Level		**Total Credits**	
Name of Institution			
Programme			
Duration			
Qualifier			

ACCREDITATION STATUS	
Name of Quality Assurance Body (If applicable)	**Accreditation No.**

EXPERIENTIAL LEARNING	
Industry Placement	
Training Details	
Duration	
Assessment	

B. CURRICULUM BREAKDOWN

Subject or Module Title	Credits	Duration (Term/Semester)	Modes of delivery used (*tick applicable options*)				
			Lectures	Tutorials	Practicals	Projects	Other (*please state)*

Subject or Module Title	Credits	Duration (Term/Semester)	Modes of delivery used (*tick applicable options*)				
			Lectures	Tutorials	Practicals	Projects	Other (*please state)*

Annexure D

EDUCATIONAL QUALIFICATION EVALUATION FORM

Name of assessor		**Date Assessment Completed**	
Name of Applicant		**Designation Applying for**	
Qualification Title		**Application Reference No.**	

Equivalent Accredited/Recognised Qualification						**NQF Level**		**Total Credits**	
Exit level outcome		**Comparative Relevant Module**	**Relevant Educational Theme**	**Credits**	**Scoring**					**Gaps**
					1	**2**	**3**	**4**	**5**	
					Poor Fit	**Marginal Fit**	**Accept-able Fit**	**Good Fit**	**Excellent Fit**	
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Experiential Learning Components *(tick applicable response and provide reasons in comments field)*			
Adequate		**Comments**	
In-adequate		**Comments**	

Overall Score		**Total No. of relevant credits**	
Percentage equivalence		**Number of relevant modules**	
Recommendations to address gaps *(if applicable*)			

FINAL OUTCOME (*tick next to relevant outcome)*					
Acceptable		**Partially acceptable**		**Not acceptable**	

Annexure E

EDUCATIONAL THEMES

The requirements relating to educational themes are as follows:

Table 1: Construction Technology

Sub-theme	Level 6	Level 7	Level 8
Construction design and construction processes	Demonstrate knowledge and understanding of the principles, functional and performance requirements of simple designs and the standards and regulations relating to construction technology and processes.	Apply knowledge and principles to construction design and construction processes to achieve functional and performance requirements.	Appraise the principles of construction design and construction processes for functional and performance requirements and advise on alternative solutions in relation to functional elements and performance.
Site Analysis	Demonstrate knowledge of site analysis techniques and explain basic geodetic principles.	Apply geodetic principles for sites required for construction projects.	
Materials and components	Demonstrate knowledge of various components and materials used in construction, their properties, their performance characteristics and their ecological footprints and environmental impact.	Apply the knowledge on properties and performance characteristics of materials and components and describe the conditions under which they are used in construction.	Advise on the use of materials and components based on the construction design and performance requirements to ensure sustainable use and environmental awareness.
Quantification and specification of construction	Demonstrate knowledge of principles of measurement, quantification and specification of construction work.	Apply knowledge of principles of measurement, quantification and specification of construction work.	Evaluate principles of measurement, quantification and specification of construction work.
Services management	Demonstrate an understanding of the functional requirements of services in construction designs.	Apply the knowledge of functional requirements of services in construction designs and their technological characteristics.	Appraise the functional requirements of services in construction designs and awareness of sustainability impacts.
Structural Stability	Demonstrate knowledge of different types of construction elements and a basic understanding of structural stability.	Apply knowledge to appreciate structural stability of various construction elements, using scientific codes, norms and standards.	Appraise structural stability principles to construction elements, using scientific codes, norms and standards.
Engineering Technology and operations	Demonstrate understanding of techniques operational in engineering structures.	Apply techniques operational in engineering structures.	Evaluate techniques operational in engineering structures.

Table 2: Construction Management

Sub-Theme	Level 6	Level 7	Level 8
Management Processes	Demonstrate knowledge of management principles as they relate to construction processes.	Apply knowledge of principles of management to construction process.	Appraise management principles used to provide solutions to problems of management in construction processes.
Resource Management	Demonstrate knowledge and understanding of the principles of human resource management, and of plant and equipment management used in the construction process.	Apply knowledge of principles of resource management to the construction processes.	Evaluate different resource management principles in relation to construction processes.
Planning and Scheduling of Construction projects	Demonstrate knowledge of principles of time, cost and resource management in construction.	Apply knowledge to plan and control time and cost of construction processes.	Appraise and apply different planning and control techniques for complex construction processes.
Documentation	Demonstrate knowledge of various documents used in construction and their interpretation for effective communication.	Apply knowledge of various documents used in the construction processes for effective management.	Advise on the use of various documentation and the circumstances
Operations Management	Demonstrate knowledge of tools of operations management.	Apply tools of operations management to construction.	Appraise and solve problems in the operations management and relations to construction processes

Table 3: Construction Environment

Sub-theme	Level 6	Level 7	Level 8
The structure and stakeholders in the construction industry	Demonstrate of an understanding of the structure of the construction industry and its stakeholders.	Appreciate the role the industry plays in socio-economic development.	Appraise the impact of socio-cultural dimensions in the built environment.
Legal Environment	Demonstrate an understanding the legal principles systems that affect the construction industry.	Apply knowledge of the principles of the legal systems in the construction environment.	Advise on the various legal systems that affect the construction processes.
Economic Principles and Financial Management	Demonstrate knowledge of micro and macro-economic principles as well as financial management principles.	Apply the principles of micro and macroeconomics and financial management to the construction industry and processes.	Appraise micro and macro-economic principles and financial management principles to the construction industry and construction processes.
Supply Chain management and Procurement	Demonstrate knowledge and understanding of the supply chain management and	Apply supply chain management and procurement principles and describe procurement	Evaluate supply chain management and procurement principles, and provide solutions

Sub-theme	Level 6	Level 7	Level 8
	procurement process, including tendering.	routes in the construction processes.	to challenges in relation to financial, legal and policy aspects.
Business Development	Demonstrate knowledge of business management in construction.	Apply business principles in construction.	Evaluate business principles in the construction environment.
Socio-cultural management	Demonstrate awareness of a range of ethnic diversity and cultures in the construction industry.	Apply ethical considerations in the built environment in the workplace on site, and construction processes in relation to various stakeholders in the project and the industry.	Analyse the role and value of openness, transparency and accountability. Balance between confidentiality, commercial sensitivity and value of openness.

Table 4: Sustainable Construction

Sub-theme	Level 6	Level 7	Level 8
Aspects of sustainability	Demonstrate knowledge and understanding of all aspects of sustainability, e.g. social, technical, environmental and economic.	Apply knowledge of sustainable principles in the construction industry and construction processes.	Analyse the main sustainability principles and how they impact on construction processes and industry.
Legislation and Policy	Demonstrate an understanding of legislation and policy for sustainability	Appreciate the legal and policy requirements for sustainability and impact on the construction industry.	Evaluate legal and policy dimensions with regards to sustainability and the construction industry.
Pollution Management and techniques	Recognise the sources of pollution generally, and those generated by the construction industry.	Apply appropriate techniques to minimise pollution passively and actively as used in the construction industry.	Evaluate techniques of minimisation of pollution and the trade-off between costs and benefits.
Waste management	Demonstrate an understanding of the sources of waste in the construction processes.	Develop and apply policies to minimise waste construction processes.	Evaluate techniques available to minimise waste in the construction processes.

Table 5: Construction Health, Safety and Welfare

Sub-theme	Level 6	Level 7	Level 8
Legislation and Regulations	Demonstrate knowledge of legal and regulatory environment of CH&S applicable to design and construction.	Apply CH&S knowledge and principles to projects and organisations.	Evaluate CH&S in projects and organisational principles.
Organizational Structure of CH&S for Projects and Organizations	Demonstrate understanding of the structure of CH&S to include personnel, documents and equipment.	Apply CH&S structure to projects and organisation.	Evaluate CH&S structure for projects and organisations.

Sub-theme	Level 6	Level 7	Level 8
CH&S management	Demonstrate knowledge of CH&S management tools and techniques, wellbeing techniques and training.	Identify and manage both potential and actual CH&S wellbeing hazards and risks.	Evaluate CH&S management procedures relating to projects and organisations.
CH&S culture	Demonstrate knowledge of management of wellbeing, safety, and culture in construction.	Apply principles of organisational and project CH&S wellbeing, culture and practice.	Evaluate organisational and project CH&S, wellbeing, behaviour and culture in design and construction processes.

Table 6: Construction Research and Innovation

Sub-theme	Level 6	Level 7	Level 8
Mathematical, Statistical and Scientific Models	Demonstrate knowledge of mathematical, statistical and scientific models useful in construction.	Apply knowledge of mathematical, statistical and scientific models useful in construction.	Use mathematical, statistical and scientific models to solve problems of construction process and research.
Information Technology	Demonstrate knowledge of information technologies.	Apply information technologies in construction processes.	Use information technologies to solve problems in construction.
Research		Demonstrate basic understanding of research.	Identify a contemporary construction management issue. Select appropriate research methodologies and apply to the identified problem, while adhering to ethical standards. Analyse, synthesize and evaluate key issues affecting construction processes or industry.

Table 7: Master's Programmes, NQF Level 9

Learning Outcomes	Indicative Range of Subjects
The examination of the characteristics of the built environment and the construction industry and the role it plays in the national and international environment.	The built environment and the construction industry as a catalyst for social and economic development and relationships with the natural environment. The composition and characteristics of the construction market.
Critically analyse the management of the construction process taking into cognisance the environmental, economic and social impacts within a national context.	Construction process through the whole project cycle. Complex issues arise from operational, resources and time/cost optimisation.
Examination of the legal environment as it relates to the construction industry.	Discipline and professional regulations. Legislation and regulation for development. Contracts, violation of the law (delicts), and health and safety. Recognising the complex relationships between legal relationships among stakeholders.

Analyse and understand anatomies of construction organisations and relate to their roles and responsibilities within the broader economy.	Organisational structural analysis with regards to resource allocation. Policies and corporate culture towards business acumen and development.
Analyse organisational and management processes in relation to achievement of their objectives.	Integrating risk management and assessment into the decision-making process.
Analyse, critically appraise and perform complex decision-making and associated risk management in directing construction processes to achieve desired outcomes.	Identifying the need for change and embracing change management models.
The performance of advanced construction and project management skills through the whole project cycle.	Achievement in the context of a real or simulated project, based on a case study. Could include project/role definition, feasibility studies and appraisals, market research and location factors, strategic procurement decisions, team selection, target setting, operational/production control, decision-making, problem solving, feedback, analysis, subsequent action. Project factors will include stakeholder negotiations, time/cost value, plan/programme, resource, production, health and safety, quality, human resources, environment and sustainability.
Performance of high-level planning and programming skills	Planning of complex project/multiple project scenarios, project scope and definition, assembly of data, use of method statements, programme, resource levelling, contingencies, updating. Bar/Gantt charts, critical path networks, and information technology techniques.

Table 8: Research Option, NQF Level 9

Learning Outcomes	Indicative Range of Subjects
Research on contemporary construction management issues.	Recognise challenges from the environment, the project cycle and techniques.
Select and apply appropriate ethical research methodologies and follow research protocols.	Present arguments in a logical manner with scientific evidence and enough depth and rigour.
Analyse, synthesize and evaluate key issues affecting the built environment.	Offer solutions to the development of the discipline and the profession, recognising the immediate socio-economic environment and the wider society.