

BOARD NOTICE 37 OF 2016



SOUTH AFRICAN COUNCIL FOR LANDSCAPE ARCHITECTURAL PROFESSION

FOR PUBLIC COMMENT - Proposed weighting of the core competencies for the LANDSCAPE MANAGEMENT PROFESSIONS

The comment period is 30 days from the date of this notice

In terms of the Landscape Architectural Profession Act, Act 45 of 2000 Section 19 (2)(a)(i), SACLAP herewith determines the competence relating to the relevant landscape architectural categories of registration

Proposed minimum weighting	DEFINITIONS
9	PROFICIENT: (practice orientated) An ability to demonstrate project based application of specialist knowledge, critically engaging with current research and or practices in doing so. To, within specific study fields, demonstrate the ability to apply appropriate methods and processes in unique real life project scenarios. To be proficient in management, design and supervision of project implementation in practice.
7	COMPETENT: (field specific competence) Demonstrate knowledge of and project based engagement in an area at the forefront of a field, discipline and practice relating that knowledge to a particular context. Selecting and applying appropriate procedures, processes and techniques to unique landscape related challenges within a specialized field of practice.
5	KNOWLEDGE AND UNDERSTANDING: (integrated knowledge) the assimilation and comprehension of knowledge. Individuals should be able to understand, apply and evaluate the key terms, concepts, facts, principles, rules and theories within the working environment. The ability to select and apply a range of methods to resolve realistic landscape related problems in practice.
3	KNOWLEDGABLE: (to be acquainted with) To demonstrate <i>detailed</i> knowledge of one or more fields, disciplines or practices including the ability to apply appropriate methods, procedures and techniques within a defined context.
1	INFORMED AWARENESS: To be sufficiently informed on matters pertaining to the profession i.e. demonstrate a basic knowledge. Aided through experiential training and or industry related methods of learning.

Core Competencies LANDSCAPE MANAGEMENT PROFESSIONS										
A	Professional Practice		Professional Practice		Professional Practice		Professional Practice		Professional Practice	
	Knowledge of insurances and legal requirements		Knowledge of insurances and legal requirements		Knowledge of insurances and legal requirements		Knowledge of insurances and legal requirements		Knowledge of insurances and legal requirements	
	Knowledge of all SACLAP related matters such as: -Continued Professional Development (CPD), Disciplinary Processes, Code of Conduct, role of Voluntary Associations.		Knowledge of all SACLAP related matters such as: -Continued Professional Development (CPD), Disciplinary Processes, Code of Conduct, role of Voluntary Associations.		Knowledge of all SACLAP related matters such as: -Continued Professional Development (CPD), Disciplinary Processes, Code of Conduct, role of Voluntary Associations.		Knowledge of all SACLAP related matters such as: -Continued Professional Development (CPD), Disciplinary Processes, Code of Conduct, role of Voluntary Associations.		Knowledge of all SACLAP related matters such as: -Continued Professional Development (CPD), Disciplinary Processes, Code of Conduct, role of Voluntary Associations.	
	Knowledge regarding Mediation and Arbitration Processes		Knowledge regarding Mediation and Arbitration Processes		Knowledge regarding Mediation and Arbitration Processes		Knowledge regarding Mediation and Arbitration Processes		Knowledge regarding Mediation and Arbitration Processes	
	Office Management		Office Management		Office Management		Office Management		Office Management	
	Cash flow, methods of payment, disbursement charges resourcing and staff allocation, marketing		Cash flow, methods of payment, disbursement charges resourcing and staff allocation, marketing		Cash flow, methods of payment, disbursement charges resourcing and staff allocation, marketing		Cash flow, methods of payment, disbursement charges resourcing and staff allocation, marketing		Cash flow, methods of payment, disbursement charges resourcing and staff allocation, marketing	
	Office Administration		Office Administration		Office Administration		Office Administration		Office Administration	
	Filing, project administration, timesheets, communication skills.		Filing, project administration, timesheets, communication skills.		Filing, project administration, timesheets, communication skills.		Filing, project administration, timesheets, communication skills.		Filing, project administration, timesheets, communication skills.	
	Human Resourcing & Financial management		Human Resourcing & Financial management		Human Resourcing & Financial management		Human Resourcing & Financial management		Human Resourcing & Financial management	

	Core Competencies LANDSCAPE MANAGEMENT PROFESSIONS	Professional Landscape Manager NQF 9		Category name to be determined NQF 8		Professional Landscape Technologist NQF 7		Professional Landscape Technician NQF 6	
		Competency upon registration	Competency upon graduation	Competency upon registration	Competency upon graduation	Competency upon registration	Competency upon graduation	Competency upon registration	Competency upon graduation
B	Budgeting, resourcing, skills transfers	7	5	5	5	3	3	3	3
	Communication Skills								
	Report writing, presentation techniques, photography, computer literacy								
	Research								
	The ability to research the aspects required to realise a project								
	Ethics and Values								
	Government Legislation, Regulations, Policies & Guidelines								
	Pertains particularly to the practice related aspects such as: Occupational Health and Safety, Municipal Finance Management Act, CIOB, Labour, POPI, PAJA, PAIA, WC act etc.	9	5	7	5	7	5	3	3
		5	3	3	3	3	1	1	1
	Landscape Design								
	Landscape Master Planning/Design Framework								
	Site survey, site analysis, site evaluation, recommendations, reports and guidelines	3	1	3	1	1	1	1	1
	Landscape Design, Planning Theories and Methodologies								
	Landscape architecture history, theory and critique	3	1	3	1	1	1	1	1
	Landscape design theory eg. Sustainable design, green building, ecological responsive design etc.								
	Construction history, theory and critique								
	Landscape levels, drainage design and stormwater management								
	Cultural landscapes								
	Landscape Design: interpretation of brief, collation of data, ecological and site responsive design, services and relevant integration of design information, evaluation of data, design proposals and presentations, plan approval and local authority requirements, advise on other professional involvement								
C	Plant design i.e. aesthetic, functional and ecological considerations								
	Working drawings & Documentation associated with Landscape design								
	Hard and Soft Landscape Detail Construction drawings, grading plans, planting plans, irrigation design inputs, specifications, bills of quantities, writing landscape maintenance specification	3	3	3	3	1	1	1	1
	Cost Estimation of Landscape Design								
	Cost estimation, project budget confirmation, Quantification and measuring material and labour rates.	3	3	3	3	3	3	1	1
	Environmental Planning & Management Processes								
	Environmental Management & compliance issues								
	Implementation of environmental management plans and compliance monitoring	3	3	3	3	3	3	1	1
	Environmental Planning								
	Integrated environmental management, application of sustainable planning principles								
	Understanding the implications of the listed activities as set out in Environmental Legislation on a project level and responding in the appropriate manner i.e. identifying if formal process is required								

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		NQF 9		NQF 8		NQF 7		NQF 6	
		Competency upon registration	Competency upon graduation	Competency upon registration	Competency upon graduation	Competency upon registration	Competency upon graduation	Competency upon registration	Competency upon graduation
	Rehabilitation Aspects of rehabilitation associated with the change in the landforms, appropriate soil preparation, erosion protection, planting, etc.	5	3	3	3	3	3	1	1
	Government Legislation, Regulations, Policies & Guidelines Pertains particularly to the Environmental related aspects at National, Provincial and Local level. e.g. biodiversity, protect areas, protected trees, alien vegetation, NEMA, Water Act etc.	5	3	3	3	3	3	3	3
	Natural Sensitive Habitat management Ecological systems, how they function, management of flora and fauna, legislative requirements that are to be met, maintenance of such areas e.g. wetlands, fynbos	5	3	5	3	3	3	1	1
	Alien vegetation control Chemical/non chemical management of vegetation, methods of application, cost estimation of vegetation control, nomenclature	5	5	3	5	1	1	1	1
D	Landscape Project Management & Landscape Construction								
	Project Management Co-ordinate of role players, meetings and procedures. Co-ordination, integration and dissemination of project information.	7	5	5	5	3	3	3	3
	Construction Contract Management Co-ordinate of sub contractors, meetings and procedures. Co-ordination, integration, management and dissemination of project implementation information. Understanding of complexity, context and difficulty, interface with other contractors, access, storage & staging points Interface with other contractors, dependencies, sequencing of work, penalties and delays, notification of delays Elevations, slopes and falls, co-ordinates, datum points, setting out points, dimensions, distances and proportion Supplier management and control, size, type and sequencing of deliveries, commercial arrangements and proportions Understanding specifications, aesthetic interpretation, accuracy of installation Costing, rate calculation, work measurement, preparation of monthly claim, interaction with cost controller for valuation and certification of landscape work Quality assurance in relation to specifications, testing of components and /materials, samples, site house keeping Format & frequency, reporting and feedback Including the Preparation and submission of tender/quotation processes but not limited to, returnables schedule, pricing review, evaluation criteria, insurances, compliance issues Appointment letter, contract document familiarisation, forms of contract and implications	9	7	7	5	3	3	1	1

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E	Applied Horticulture/Landscape Technology								
	Plant knowledge	9	7	7	5	5	5	5	3
	Nomenclature, characteristics, uses and requirements								
	Plant propagation	7	7	7	5	5	5	3	3
	Nursery management: set up on site, propagation methods, propagation mediums, fertilizing, maintenance, pest and disease control								
	Arboriculture	7	7	5	3	3	3	3	1
	Tree planting methods, appropriate pruning, root treatment, tree surgery, pests & disease identification and treatment, tree removal practises								
	Soil knowledge	7	5	7	5	5	3	3	3
	Classification (interpretation), fertilisation, handling and placing, cultivation, mulching, growth media								
	Flow of water, infiltration, porosity, watering requirements								
	Turf grass management	7	7	7	5	5	5	5	3
	Sport field, construction, maintenance, preparation of fields								
	Irrigation	7	7	5	5	3	3	1	3
	Water quality - interpretation of lab results, mitigation measures, etc								
	Design of systems, working drawings and estimates of quantities and costs, installation and maintenance								
	Determination of watering requirements, implementing water-wise principles								
	Landscape equipment/mechanisation	9	7	7	5	5	5	5	5
	Understanding equipment capacity/specifications/suitability/calibration								
	Landscape installation practise	9	7	7	7	5	5	5	5
	Plant handling & installation								
	Skill in the use and suitability of materials: paving, concrete, street furniture etc.								
	Landscape maintenance practise	9	7	9	7	7	5	7	5
	Plant growth, water requirements								
	Pest and disease control								
	Best practise principles								