



Established in terms of Act 58 of 1995

### SOUTH AFRICAN QUALIFICATIONS AUTHORITY (SAQA)

In order to proceed with the recognition of Standards Generating Bodies in terms of Government Regulations 19(1)(c) and 22(2) of 28 March 1998, National Standards Body 10, **Physical, Mathematical, Computer and Life Sciences**, invites public comment with respect to *the acceptability of the nominees and the representativeness of the key education and training stakeholder interest groups* listed as SGB applicants below.

**In addition, the NSB invite submissions from interested parties wishing to serve on such an SGB.** Interested parties should take note of the section on SGB Information below.

**All nominations/ applications should be accompanied by curricula vitae.**

More information regarding this application may be obtained on the SAQA website or from the SAQA offices, Hatfield Forum West, 1067 Arcadia Street, Hatfield, Pretoria.

Comment should reach the NSB at the address below **by not later than 16 November 2003**. All correspondence should be marked **SGB for Environmental Sciences, Environmental Management and Waste Management** and be addressed to:

The Director: Standards Setting and  
Development  
SAQA  
*Attention: Mr. D Mphuthing*  
Postnet Suite 248  
Private Bag X06  
Waterkloof  
0145  
or faxed to 012 – 431 5144  
[dmphuthing@saqa.co.za](mailto:dmphuthing@saqa.co.za)

### SGB INFORMATION

As a necessary step in the development and implementation of the National Qualifications Framework, The National Standards Bodies are briefed [regulation 19(1)(c) of 28 March 1998] to recognise or establish Standards Generating Bodies (SGBs).

SGBs shall:

- a. generate standards and qualifications in accordance with the Authority requirements in identified sub-fields and levels;
- b. update and review standards;
- c. recommend standards and qualifications to National Standards Bodies;
- d. recommend criteria for the registration of assessors and moderators or moderating bodies; and

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- e. perform such other functions as may from time-to-time be delegated by their National Standards Body.

Any bodies wishing to nominate representatives, make application to serve on, or make any other submission with regard to the above SGB should note the following information.

SGBs should be composed of organisations, which shall be key education and training stakeholder interest groups and experts in the sub-field. The NSB, when making its final decisions will have due regard for, among other things, *'the need for representativeness and equity, redress and relevant expertise in terms of the work of the SGBs.'*

Organisations proposing to nominate persons to SGBs should be sensitive to the need for **equity** and **redress**, and shall nominate persons who-

- (a) will be able to consider issues of productivity, fairness, public interest and international comparability as related to education and training in the sub-field;
  - (b) enjoy credibility in the sub-field in question, who enjoy respect; have the necessary expertise and experience in the sub-field and have the support or backing of the nominating body;
  - (c) are able to advocate and mediate the needs and interests of all levels within the sub-field covered by the Standards Generating Body;
  - (d) are able to exercise critical judgement at a high level; and
  - (e) are committed to a communication process between the Standards Generating Body, the National Standards Body and the Constituency.
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**Public Notice by NSB 10, Physical, Mathematical, Computer and Life Sciences to Re-register a Standards Generating Body (SGB) for Environmental Sciences, Environmental Management and Waste Management**

National Standards Body (NSB) 10 – Physical, Mathematical, Computer and Life Sciences – wishes, in terms of NSB *Regulation 24 (1)(e)*, to renew the brief and membership of the Standards Generating Body (SGB) for Environmental Sciences, Environmental Management and Waste Management

**Proposed Brief of the SGB**

1. Collate the various qualifications that have been developed in the sub-field to identify the core competencies embedded within them [*Regulation 24 (1)(a)*]. In the first instance a generalist approach will be followed but requirements for specific qualifications will be taken into account.
2. Design learning pathways for HET practice within the learning pathways for the field [*Regulation 24(1)(e)*].
3. To generate standards and qualifications in the sub-field Environmental Sciences, in accordance with the Authority requirement [*Regulation 24(1) (a)*]. The SGB will develop appropriate and specific standards and qualifications for Environmental Sciences learning, with regard to the following: technicians, technologists, analysts, scientists and researchers. These standards and qualifications will be developed at NQF levels 1-8.
4. To recommend standards and qualifications under 3 above to the National Standards Body [*Regulation 24(1) (c)*].
5. To recommend criteria for the registration of assessors and moderators or moderating bodies [*Regulation 24(1) (d)*].
6. Perform such other tasks as may from time to time be assigned by the NSB [*Regulation 24 (1)(e)*].
7. The SGB would operate in the sub-field Environmental Sciences and would liaise closely with other relevant SGBs in the field as well as in other organising fields.

## Proposed Membership

Name	Stakeholder Body	Employer	Qualifications / Experience in the field
David Berger	Bazisa Technical Waste Solutions	Bazisa Technical Waste Solutions	Director Bazisa Technical Waste Solutions. PhD
Hennie Neethling	Greater Pretoria Metropolitan Council	Pretoria Metro	Executive Director Pretoria Metro +- 15 yrs experience in the field NDT(Eng) B Comm
Liz Kneale	Institute of Waste Management	Liz Kneale Communications cc	Environmental Education Consultant. 19 yrs experience in the field. BA
André Swart	Technikon Witwatersrand (Faculty of Health Sciences (IWM))	Technikon Witwatersrand	Head School of public Health, Senior Lecturer & head of Department. PhD Technology: Environmental Health (Waste management)
June Lombard	Institute of Waste Management	Lombard and Associates	Environmental Scientist. +20 yrs experience in the field . MSc
Mary Sibongile Mkhize	Durban Solid Waste	Durban Solid Waste	Waste Minimisation Officer. 6+ yrs experience in the field. BA (hons).
Tembeka Dambuza	Environmental Education Society of South Africa	Department of Environmental Affairs & Tourism	Assistant Director Waste management. BSc, Dip Ed, BEd
Maryna Möhr-Swart	Technikon Pretoria (Dept. of Environmental Engineering)	Technikon Pretoria	D Tech, MBA B Pharm Head of Dept Environmental Engineering
Linda Godfrey	CSIR - Environmentek	CSIR Environmentek	Project Manager and Environmental Scientist. BSc (Geology.), BSc (hons) Geology, MSc (Geohydrology)
Bridget Hughes	National Occupational Safety Association (NOSA)	National Occupational Safety Association (NOSA)	Technical Manager NOSA. MA Environmental Management
John Cooke	University of Natal Faculty of Science	University of Natal	Dean: Faculty of Science. Cert. Ed (tech), BSc (hons), PhD
Dave Lucas	Eskom	Eskom	Chief Environmental Advisor Eskom Holdings. BSc Engineering Land Surveying,

			MSc Environmental Management & Analysis. 12+ years experience in the sector.
Jaap Viljoen	Ingwe Coal Corporation	Ingwe Coal Corporation	Group Manager Ingwe Coal, +15 yrs experience in the field.
SN Ndlovu	Umlazi Technical College (Dept. of Chemistry)	Umlazi Technical College	Head of dept Chemistry & Water Engineering
J. Howa	Self representative - Western Cape (ABET Consultant)	Self Employed	ABET Consultant. 6+ yrs in the field