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OF
SOUTH AFRICA



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VAN
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GOVERNMENT NOTICES

SOUTH AFRICAN QUALIFICATIONS AUTHORITY

No. 805

25 June 1999



Established in terms of Act 58 of 1995

SUB-FIELDS FOR THE NATIONAL QUALIFICATIONS FRAMEWORK

In accordance with the requirements of regulation 3(5) of the National Standards Bodies Regulations promulgated under the South African Qualifications Authority Act (Act No. 58 of 1995), SAQA hereby publishes the names of the sub-fields for the twelve organising fields of the National Qualifications Framework as approved at the SAQA Meeting of 9 June 1999. Details of further delineation of the organising fields may be found on the home pages of the National Standards Bodies under "Framework" on the SAQA web-site (www.saqa.org.za).

NSB 01 AGRICULTURE AND NATURE CONSERVATION

Primary Agriculture
Secondary Agriculture
Nature Conservation
Forestry and Wood Technology
Horticulture

NSB 02 CULTURE AND ARTS

Design Studies
Visual Arts
Performing Arts
Cultural Studies
Music
Sport
Film, Television and Video

NSB 03 BUSINESS, COMMERCE AND MANAGEMENT STUDIES

Finance, Economics and Accounting
Generic Management
Human Resources
Marketing
Procurement
Office Administration
Public Administration
Project Management
Public Relations

NSB 04 COMMUNICATION STUDIES AND LANGUAGE

Communication Studies
Information Studies
Language
Literature

NSB 05 EDUCATION, TRAINING AND DEVELOPMENT

Schooling
Higher Education and Training
Early Childhood Development
Adult Learning

NSB 06 MANUFACTURING, ENGINEERING AND TECHNOLOGY

Engineering and Related Design
Manufacturing and Assembly
Fabrication and Extraction

NSB 07 HUMAN AND SOCIAL STUDIES

Environmental Relations
General Social Science
Industrial & Organisational Governance and Human Resource Development
People/Human-Centred Development
Public Policy, Politics and Democratic Citizenship
Religious and Ethical Foundations of Society
Rural and Agrarian Studies
Traditions, History and Legacies
Urban and Regional Studies

NSB 08 LAW, MILITARY SCIENCE AND SECURITY

Safety in Society
Justice in Society
Sovereignty of the State

NSB 09 HEALTH SCIENCES AND SOCIAL SERVICES

Preventive Health
Promotive Health and Developmental Services
Curative Health
Rehabilitative Health/Services

NSB 10 PHYSICAL, MATHEMATICAL, COMPUTER AND LIFE SCIENCES

Mathematical Sciences
Physical Sciences
Life Sciences
Information Technology and Computer Sciences
Earth and Space Sciences
Environmental Sciences

NSB 11 SERVICES

Hospitality, Tourism, Travel, Gaming and Leisure
Transport, Operations and Logistics
Personal Care
Wholesale and Retail
Consumer Services

NSB 12 PHYSICAL PLANNING AND CONSTRUCTION

Physical Planning, Design and Management
Building Construction
Civil Engineering Construction
Electrical Infrastructure Construction

No. 806

25 June 1999

**PUBLIC NOTICE BY NSB 05
EDUCATION, TRAINING AND DEVELOPMENT
OF THE REGISTRATION OF AN SGB FOR EDUCATORS IN SCHOOLING**

NSB 05 hereby registers an SGB for Educators in Schooling for a period of three years (to 30 June 2002).

BRIEF OF THE SGB

1. Identify the integration, quality and equity priorities in schooling ETD practice. [Regulation 24(1)(e)].
2. Identify the competence necessary to produce ETD practice outcomes addressing 1, above, and distinguish the competencies that will be generic to the field from those specific to schooling ETD practice. [Regulation 24(1)(e)].
3. Design learning pathways for schooling ETD practice within the learning pathways for the field. [Regulation 24(1)(e)].
4. Generate the following qualifications in accordance with the Authority requirements for competencies in schooling ETD practice: Higher Certificate in Education, Diploma in Education, Further Diploma in Education, Post Graduate Certificate in Education, Bachelor of Education, Advanced Diploma in Education, and Bachelor of Education (Honours). [Regulation 24(1)(a)].
5. Recommend the qualifications generated under 4, above, to the NSB. [Regulation 24(1)(c)].
6. Recommend criteria for the registration of assessors and moderators or moderating bodies for schooling ETD. [Regulation 24(1)(d)].

COMPOSITION OF THE SGB

Nine representatives from University Faculties of Education

| | |
|-------------------|---|
| Christie, Pam | University of the Witwatersrand, Johannesburg |
| Irwin, Pat | Rhodes University |
| Lemmer, Eleanor | University of South Africa |
| Malan, Beverly | Vista University, East Rand |
| Morrow, Wally | University of Port Elizabeth |
| Nyakutse, Charles | University of the North West |
| Park, Tom | Stellenbosch University |
| Ralenala, Francis | University of the North |

Four representatives from Technikon Schools of Education

| | |
|---------------|--------------------------|
| Gerber, RE | Port Elizabeth Technikon |
| Hodges, Merle | Peninsula Technikon |
| Rampa, SH | Technikon South Africa |
| Sarpong, E | Eastern Cape Technikon |

Six representatives from Colleges of Education

| | |
|--------------------|-----------|
| May, Basil | CCERSA |
| Mbokazi, Lindiwe | Daveyton |
| Nogauza, Tony | Algoa |
| Ntuli, Neli | Umlazi |
| O,Connell, Laraine | Tivumbeni |
| Potgieter, Ferdi | Pretoria |

Four representatives from Professional Bodies

| | |
|------------------|---------|
| Mokgalane, Ella | SACE |
| Rees, SEF | NAPTOSA |
| Steyn, H J | SAOU |
| Ngonzo Mathunwya | SADTU |

Two representatives from the State

| | |
|-----------------|-------------------------|
| Hindle, Duncan | Department of Education |
| Mataboge, Thabo | Department of Education |

No. 807

25 June 1999

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 Bodies 05 (Education, Training and Development), 06 (Manufacturing, Engineering and Technology) and 07 (Human and Social Studies) invite 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 NSBs invite submissions from interested parties wishing to serve on such SGBs. Interested parties should take note of the section on SGB Information below.

All nominations/ applications should be accompanied by curriculum vitae.

More information regarding these applications may be obtained on the SAQA website or from the SAQA offices.

Comment should reach the respective NSBs at the below address **by not later than Friday 30 July 1999**. All correspondence should be marked **SGB Formation (specific NSB)** - for example, "SGB Formation - NSB 07" - and be addressed to:

The Director: Framework Implementation
SAQA
Postnet Suite 248
Private Bag X06
Waterkloof
0145
or faxed to 012 - 346 5812

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
- e. perform such other functions as may from time-to-time be delegated by its 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.
-

No. 808

25 June 1999

PUBLIC NOTICE BY NSB 05 EDUCATION, TRAINING AND DEVELOPMENT OF AN APPLICATION TO REGISTER AN SGB FOR OCCUPATIONALLY-DIRECTED ETD PRACTITIONERS IN THE SUB-FIELD OF ADULT LEARNING.

Proposed Brief of the SGB

1. To identify, in consultation with other initiatives in field 05, the integration, quality and equity issues of relevance to the sub-field [*Regulation 24(1)(e)*].
2. To generate standards and qualifications for occupationally-directed ETD practitioners in the ETD field, sub-field Adult Learning, in accordance with the Authority requirements [*Regulation 24(1)(a)*]. The SGB will develop appropriate and specific standards for Occupationally-Directed ETD Practitioners with regard to the following roles: assessor; mentors; occupational specialist; learning mediator; interpreter and designer of learning programmes and materials; leader, administrator and manager; scholar, researcher and life-long learner. These standards will be developed at NQF levels 2 to 8.
3. To recommend standards and qualifications generated under 3, above, to the National Standards Body [*Regulation 24(1)(c)*].
4. To recommend criteria for the registration of assessors and moderators or moderating bodies [*Regulation 24(1)(d)*].
5. To accept and perform other occupational-directedness SGB-related functions as requested by NSB 05.

COMPOSITION OF THE SGB

| | |
|----------------------|---|
| Martin Barnard | Business South Africa (BSA) |
| Piet Bothma | NTSIKA |
| Mlungisi Victor Cele | Congress of South African Trade unions (COSATU) |
| Manfred Dutschke | Department of Education |
| Ebrahim Peters | COSATU |
| Mario Jacob | COSATU |
| Silke Leiendecker | Department of Education |
| Allen Mafu | Association of Private Providers of Education, Training and Development |
| Mlamuli Makhubu | National Council of Trade Unions (NACTU) |
| Moses Manaka | NACTU |
| Pauline Matlhaela | Department of Labour |
| Andile Aaron Maseko | BSA |
| James Mogale | Association of Training Providers |

Jacobus Morris
Nkosi Muzi Mr
Nandipha Ntsaluba
James Parker
Thabo Nathan Seotsonyana
Gerhardus Smith
Leon Stappelberg
Hennie Steyn
Johan Swanepoel
Philip Thobela

APCSA
Disabled People of South Africa
State
Association of Training Board Managers
BSA
Association of Training Providers
BSA
Federation of Unions of South Africa
BSA
NAFCOC

No. 809

25 June 1999

**PUBLIC NOTICE BY NSB 06 MANUFACTURING, ENGINEERING AND
TECHNOLOGY OF AN APPLICATION TO REGISTER AN SGB FOR
AIRCONDITIONING REFRIGERATION AND VENTILATION**

**NSB 06 has received an application to recognise and register an SGB for
AIRCONDITIONING REFRIGERATION AND VENTILATION**

Proposed SGB for AIRCONDITIONING REFRIGERATION AND VENTILATION

Proposed Brief

1. To develop learning pathways for potential qualifications and unit standards in the sub-field Manufacturing and Assembly in organising field 06 from levels 1 to 5 [regulation 12(1)(e)]
2. To generate AIRCONDITIONING REFRIGERATION AND VENTILATION qualifications and unit standards in the sub field in accordance with the Authority requirements for NQF levels 1 through 5.

These would cover the areas of Reading drawings; Handling refrigerants; Cleaning and inspection of equipment; Copper tube work; read diagrams; repair and maintain equipment; use instruments; install compressors; Test and charge systems; fault finding; water piping and pumps; Heat exchangers; overhaul compressors; Wiring diagram design; piping design and equipment selection; understanding Psychrometrics, Molier charts and fan laws. [regulation 21(1)(a)].

3. To recommend and align the following qualifications:
 - ❖ Learner Technician levels 1 to 3
 - ❖ Technician level 4
 - ❖ Master Technician level 5
4. To recommend criteria for the registration of assessors and moderators or moderating bodies [regulation 24(1)(d)].

Proposed Composition

| <u>NAME</u> | <u>CONSTITUENCY</u> |
|-----------------------------|---|
| 1. David C Rough | South African Institute of Refrigeration and Air-conditioning |
| 2. Willem Prinsloo Coetzee | National Employees Trade Union |
| 3. Craig Theodore Hendricks | Electrical Contractors Industry Training Board |
| 4. Tina Jan Archer | Air Conditioning and Refrigeration Industry Council of South Africa |
| 5. Peggie Moodley | Air Conditioning and Refrigeration Industry Council of South Africa |

- | | |
|-----------------------------------|--|
| 6. Wihelmina Johanne Senekal (Dr) | South African Refrigeration and Air Conditioning Contractors Association |
| 7. Czeslawa Barbara Zdziarski | Air Conditioning and Refrigeration Industry Council of South Africa |
| 8. James Stephen Crozier | air Conditioning and Refrigeration Industry Council of South Africa |
| 9. Barry W Makue | Metal and Electrical Workers Union of South Africa |
| 10. Evan Booth | air Conditioning and Refrigeration Industry Council of South Africa |
| 11. Derrick Tshivhase | South African Refrigeration and Air Conditioning Contractors Association |
| 12. Grant Kenneth Laidlaw | Spoornet |
| 13. Peter Döbelin | Air Conditioning and Refrigeration Industry Council of South Africa |
| 14. Shadrack Baloyi | Air Conditioning and Refrigeration Industry Council of South Africa |
| 15. Guido Kerens | South African Institute of Refrigeration and Air- conditioning |
| 16. Edward Denton Rademeyer | South African Refrigeration and Air-conditioning Contractors Association |
| 17. Renate Goovaerts | South African Association of Consulting Engineers |
| 18. John Peter Ackermann | South African Refrigeration Distribution |

No. 810

25 June 1999

**PUBLIC NOTICE BY NSB 06 MANUFACTURING, ENGINEERING AND
TECHNOLOGY OF AN APPLICATION TO REGISTER AN SGB FOR
"Chemical Oil and Allied Industries OBET"**

NSB 06 has received an application to recognise and register an SGB for
"Chemical Oil and Allied Industries OBET"

Proposed SGB FOR "Chemical Oil and Allied Industries"

Proposed Brief

1. To develop learning pathways for potential qualifications and unit standards in the sub-field Manufacturing and Assembly in organising field 06 from levels 1 through to 8 [regulation 12(1)(e)]
2. To generate Chemical Oil and Allied qualifications and unit standards in the sub field in accordance with the Authority requirements for NQF levels 1 through 8.

These would cover the areas of preparations and operations which include raw material handling; establishment of start up for manufacturing processes; Identification of Hazardous and abnormal conditions; Responding to hazardous conditions or emergencies; preparation for shut-down; and shutting down the plant and contribute to the maintenance of the plant equipment, handling, operating and control of plant equipment and machinery, health hygiene and safety systems, [regulation 21(1)(a)].

3. To recommend and align the following qualifications:

- ❖ Material Handling levels 1;
- ❖ Equipment Handling levels 1 to 2
- ❖ Plant operations levels 2 to 3
- ❖ Process operations 4 to 5
- ❖ Senior Process controller and Master artisan level 5 to 6

4. To recommend criteria for the registration of assessors and moderators or moderating bodies [regulation 24(1)(d)].

Proposed Composition

| <u>NAME</u> | <u>CONSTITUENCY</u> |
|--------------|--|
| 1. A Strydom | Chemical, Oil and Allied Industries Training Board |
| 2. C Kruger | Engineering Training |
| 3. Daniels | Caltex |
| 4. T Botha | Engineering Training |
| 5. B Zulu | Regional Learnership Committee |
| 6. A Swart | Aviation Fuel |
| 7. J Pekane | Chemical Workers Industries Union |
| 8. B Nhlapo | Chemical Workers Industries Union |
| 9. W Coetzee | National Employers Trade Union |
| 10. J Burger | South African Workers Union |
| 11. J Maniza | Colgate |

- 12. Diane Worthington
- 13. Kavita Naidoo
- 14. M Gouws
- 15. J T Benade
- 16. L Dos Santos

AECI
Oil, Refineries
Fertilizers
Oil Movement
Chemical, Oil and Allied Industries
Training Board

No. 811

25 June 1999

**PUBLIC NOTICE BY NSB 06 MANUFACTURING, ENGINEERING AND
TECHNOLOGY OF AN APPLICATION TO REGISTER AN SGB FOR
WELDING**

**NSB 06 has received an application to recognise and register an SGB for
WELDING**

Proposed SGB for WELDING

Proposed Brief

1. To develop learning pathways for potential qualifications and unit standards in the sub-field Manufacturing and Assembly in organising field 06 from levels 1 through to 8 [regulation 12(1)(e)]
2. To generate Welding qualifications and unit standards in the sub field in accordance with the Authority requirements for NQF levels 1 through 5.

These would cover the areas of Identification and use of raw material and tools, production scheduling, preparation of welding equipment and materials, handling products, Welding legislation, quality control systems, maintenance of welding equipment, handling, operating and control of welding equipment and machinery, health hygiene and safety systems, application of cost accounting systems in functional areas of welding, management of welding businesses and marketing of welding products [regulation 21(1)(a)].

3. To recommend and align the following qualifications:

- ❖ Trainee/ Junior Welder level 1;
- ❖ Assistant Welder levels 1 to 2
- ❖ Craft Welder levels 2 to 3
- ❖ Welder level 4 to 5

4. To recommend criteria for the registration of assessors and moderators or moderating bodies [regulation 24(1)(d)].

Proposed Composition

| NAME | CONSTITUENCY |
|----------------------|--|
| 1. D J van Wyngaardt | Aerospace/Transnet Training Board |
| 2. G S Vermaak | Labour/COTT |
| 3. H Beukes | Sasolburg College |
| 4. S S Pilay | Aerospace/Transnet Training Board |
| 5. O Kühn | Local Government Education Training Board |
| 6. D Ludick | Department of Education |
| 7. J Pansegrouw | Aerospace Industry Education Training Board |
| 8. J H de Kock | Chemical Oil Allied Industry Training Board |
| 9. N Pillay | Transnet Training centre (Durban) |
| 10. L Mahlonoko | Sasol Chemical Industry |
| 11. S Mazibuko | South African Chemical Worker Union |
| 12. A Theron | Afrox Rockweld |
| 13. N J Mohlahledi | CHAMDOR TRAINING CENTRE |
| 14. T Khoza | Central Organisation for Trade Testing |
| 15. J L Joubert | Chamdor Training Centre |

No. 812

25 June 1999

Public notice by NSB 07 Human and Social Studies of an application to register an SGB for Christian Theology

NSB 07 has received an application to recognise and register an SGB for Christian Theology. This SGB will be registered in the sub-field Religious and Ethical Foundations of Society and will liaise closely with other envisaged SGBs in the other faiths and denominations.

Proposed Brief of the SGB

1. To generate unit standards and qualifications in the sub-field Religious and Ethical Foundations of Society for levels 5-8 in accordance with Authority requirements, for the following areas: Biblical studies (Old Testament, New Testament and languages); church history; dogmatics; ethics; missiology; practical theology; polity; ecumenism; spirituality; liturgy; conflict resolution; HIV/Aids; church administration/ management; biblical archeology; philosophy; homiletics; development studies; finance; marketing; leadership development and skills; gender management; congregational ministry; ecology; transformation management; African theology
2. To generate the following qualifications in accordance with Authority requirements: Joint Board Diploma in Theology; BTH; MTH; Phd; Certificate in Theology
3. To recommend unit standards and qualifications as above to the National Standards Body for registration on the NQF
4. To review these unit standards and qualifications and effect the necessary changes

Proposed Composition of the SGB

| | |
|--------------------|--------------------------------------|
| Prof D Ackerman | University of Western Cape |
| Rev C Bekker | Rhema Ministries |
| Prof D Cloete | University of Western Cape |
| Prof J Cochrane | University of Cape Town |
| Dr W de Kock | Cornerstone Christian College |
| Prof E de Villiers | University of Pretoria |
| Dr J Fawcett | Hebron Bible College |
| Mrs L Fletcher | SA Council for Theological Education |
| Rev J Goliath | College of Transfiguration |
| Rev P Gunning | CPSA |
| Mr B Houston | Evangelical Bible Seminary SA |
| Fr N King | St John Vianney |
| Dr L Kretzschmar | University of South Africa |
| Prof T Maluleke | University of Natal |
| Dr M Masenya | University of South Africa |
| Fr B Mokwena | Vista University |
| Rev S Molisiwa | Khanya College |
| Sr Carol Mount O P | Theological Education by Ext College |

Rev P Msiza
Dr R Petersen
Prof I Phiri
Mrs K Plaatjie
Sr Jennifer Slater O P
Dr Dirkie Smit
Prof F Swanepoel
Bp P Verryn
Rev C Wessels

Baptist Convention
University of Western Cape
University of Durban-Westville
University of the North
St Dominic's Convent
University of Western Cape
University of South Africa
Methodist Church of SA
Moravian Theological Seminary

Keep South Africa Clean



Throw trash where it belongs



RECYCLE HERGEBRUIK



Department of Environment Affairs
Departement van Omgewingsake



Save a drop — and save a million

Water conservation is very important to the community and industry to ensure their survival. So save water!



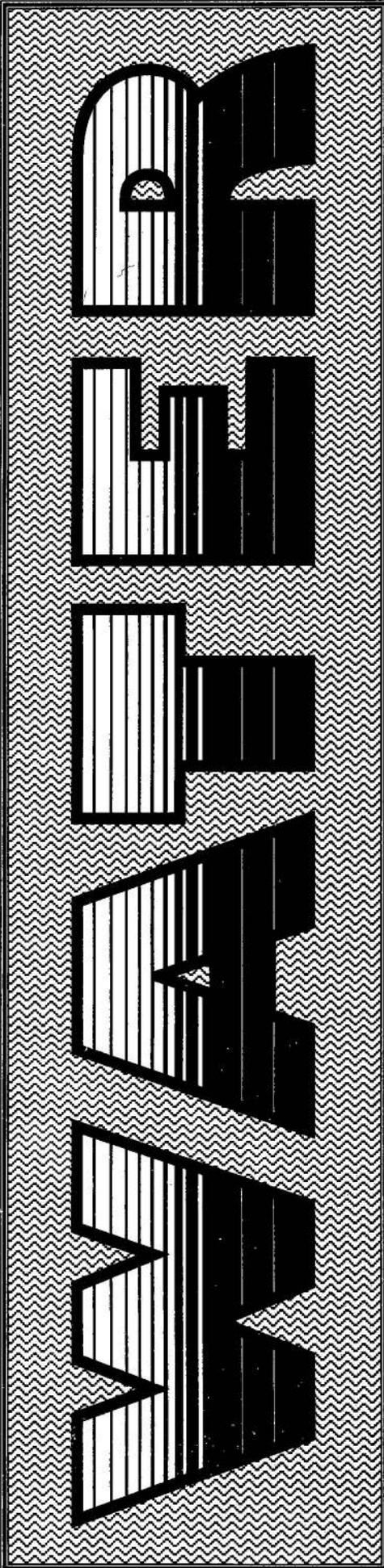
Spaar 'n druppel — en vul die dam

Indien almal van ons besparingsbewus optree, besnoei ons nie slegs uitgawes nie maar wen ook ten opsigte van ons kosbare water- en elektrisiteitsvoorraad

LIVE IN HARMONY WITH NATURE



THE WEATHER BUREAU: DEPARTMENT OF ENVIRONMENTAL AFFAIRS AND TOURISM



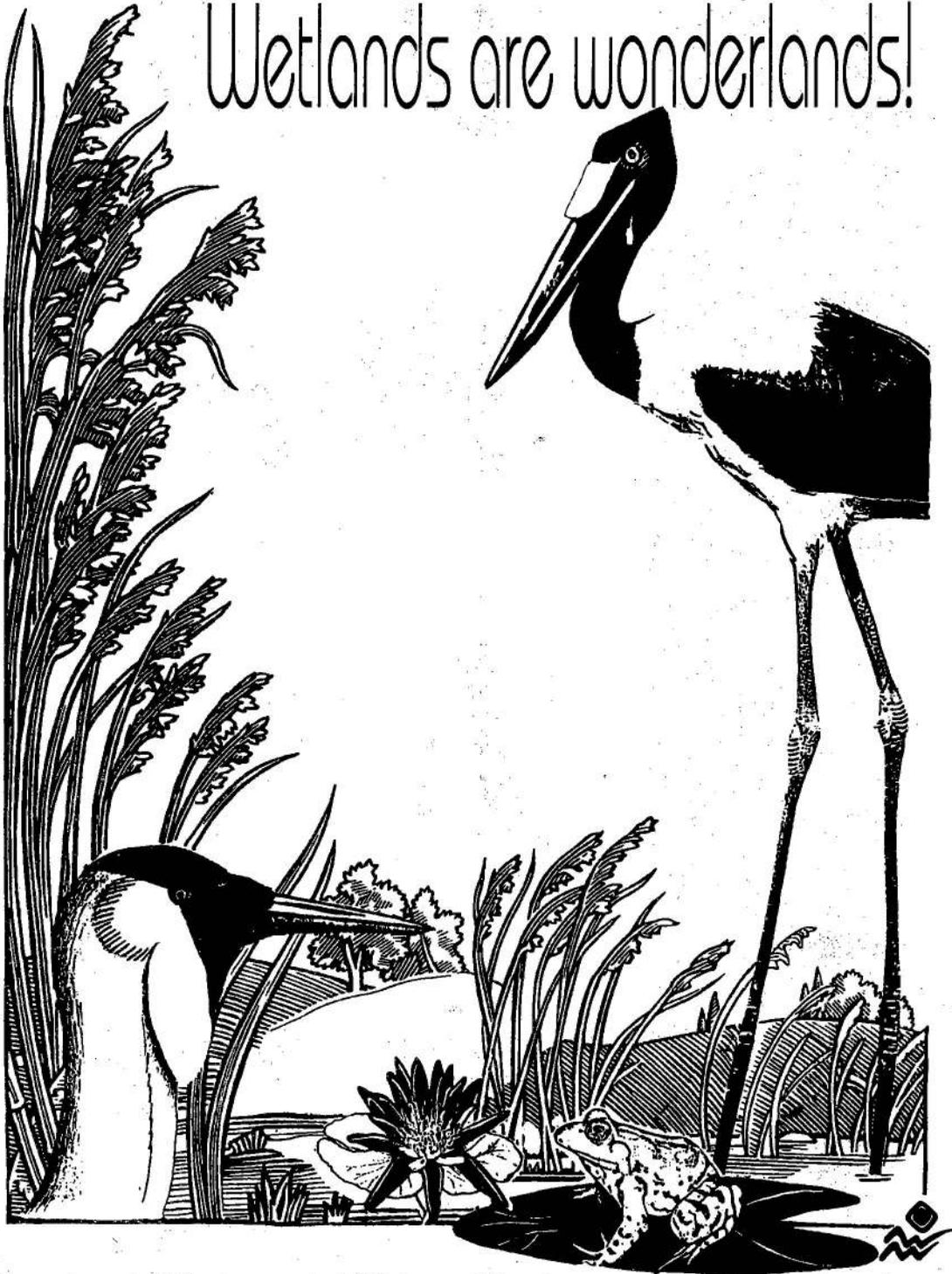
DON'T

WASTE

IT!



Wetlands are wonderlands!



Department of Environmental Affairs and Tourism

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