THE ROLE OF COUNCIL

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ADMISSION REQUIREMENTS

A National Senior Certificate (NSC) with at least 50% in the language of teaching and learning and with at least 50% in Mathematics. In addition, at least 40% in one of the following: Physical Science or Life Sciences or Agricultural Science

or

a Senior Certificate (SC) with at least a D symbol on HG or a C symbol on SG in the language of teaching and learning, and a D symbol on HG or a C symbol on SG in Mathematics. In addition, an E symbol on HG or a D symbol on SG in one of the following: Physical Science or Biology or Agricultural Science,
INSTITUTIONS

4 year BSc and/or 3 Year Diploma in Animal Health

- Northwest  BSc and Diploma
- UNISA      Diploma and B Tech degree
- TARDI      Diploma
CURRICULUM

First Level (120 credits)

• Anatomy and Physiology
• Animal Diseases I
• Epidemiology I
• Computer
• Communications
• Management
CURRICULUM

Second Level (120 credits)

- Laboratory Diagnostics
- Animal Diseases 2
- Epidemiology 2
- Pharmacology and Toxicology
- Pasture and Nutrition
- Animal Health Practice
CURRICULUM

Third Level (120 credits)

- TB/CA
- Meat Hygiene
- Animal diseases 3
- Epidemiology 3
- Veterinary Public Health
- Legislation
- Agriculture economics
CURRICULUM

Fourth Level (120 credits)

- Epidemiology 4
- Research Methodology
- Business Management
- Veterinary Public Health
- Animal Diseases 4
SCOPe OF PRACTICE

2. Services pertaining to the profession of animal health technician.— For the purposes of the Act the following services shall be deemed to be services which pertain to the para-veterinary profession of animal health technician:

2.1 Surveillance and inspection of all livestock, poultry and game, and where relevant the reporting of all diseases listed by the Office International des Epizootics (OIE) guidelines in disease control areas

2.2 Implementation of vaccination programmes in livestock

2.3 Implementation of parasite control programmes in livestock

2.4 To carry out abattoir inspections and report in writing to the Veterinary Public Health Directorate/s

2.5 To carry out meat inspections and other duties under the relevant abattoir legislation, if authorised thereto by the Provincial executive officer
SCOPE OF PRACTICE

2.6 Perform delegated duties pertaining to regulated animal diseases, listed under the relevant animal disease control legislation, including the various eradication schemes, including but not limited to the—

2.6.1 Brucellosis eradication scheme

2.6.2 Taking of samples for the diagnosis by a veterinarian of Brucellosis in animals and the testing of animals for tuberculosis by means of an intradermal tuberculin test provided that the animal health technician passed a course approved by the Department of Agriculture (Academic Institutions/SAVC)
SCOPE OF PRACTICE

2.7 Extension services (including training and education) to farmers, community members and their children, to protect and promote the health and well being of animals

2.8 The collection, capturing and evaluation of data and the compiling of reports whilst assisting with epidemiological and research projects

2.9 The collection of specimens to assist in the investigation of reproductive and fertility problems in livestock
2.10 The collection of samples, including blood smears, brain smears, impression smears, skin scrapings, wool scrapings, faecal samples but excluding the collection of samples by biopsy.

2.11 The examination and analysis of samples including blood smears, skin and wool scrapings, urine analysis and faecal samples and elementary clinical chemistry.

2.12 Carry out basic post mortem examinations and the collection and submission of samples for microbiological, toxicological, histopathological and serological investigation.
SCOPE OF PRACTICE

2.13 Artificial insemination provided that the animal health technician is registered as an inseminator with the Registrar Animal Improvement in terms of the Animal Improvement Act, 1998 (Act No. 62 of 1998)

2.14 Render primary animal health care to resource poor communities

2.15 Perform other duties authorised in terms of any other legislation

2.16 An animal health technician may assist a veterinary professional when the veterinary professional is performing surgery outside the theatre environment or under field conditions
SCOPE OF PRACTICE

3.2 An animal health technician may carry out procedures on animals on instruction and supervision of a person registered to practise a veterinary profession, including but not limited to:

3.2.1 The lancing of abscesses;
3.2.2 The treatment of septic wounds;
3.2.3 The administration of injections and medicines
SCOPE OF PRACTICE

3.1 An animal health technician may carry out the following procedures on animals without veterinary supervision:

3.1.1 Open castrations of:
  3.1.1.1 cattle under 3 (three) months
  3.1.1.2 sheep and goats under 2 (two) months; and
  3.1.1.3 pigs up to 7 (seven) days
SCOPE OF PRACTICE

3.1.2 Dehorning of immature animals under 4 (four) months;

3.1.3 Tail docking of:
   3.1.3.1 pigs up to 7 (seven) days
   3.1.3.2 sheep by using the open method under 2 (two) months and the elastrator method under 6 (six) weeks;

3.1.4 Feet trimming;

3.1.5 Branding
COMPETENCIES

• Regulatory functions
• Disease Control (Non-Control)
• Sampling
• Disease Prevention
• Primary Animal Health Care
• Extension Services
EMPLOYMENT

- Animal Health Technician
  - Public sector
  - Private sector
- Researcher
- Farm Manager (Herd Health)
- Meat Inspector
- Pharmaceutical Representatives
- Artificial Inseminators
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