



# INFOTOX (Pty) Ltd

Established 1991 2001/000870/07

**Retrieval and scientific interpretation of ecotoxicological information**

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03-02-2010

## CURRICULUM VITAE

### Dr WCA van Niekerk

Since 1995, Dr Van Niekerk has been Managing Director of INFOTOX (Pty) Ltd. He is a Qualified Environmental Professional (QEP), certified by the Institute of Professional Environmental Practice (IPEP) in the USA, and a registered Professional Natural Scientist (Pr Sci Nat, Environmental Science). Dr Van Niekerk has specialised in chemical toxicology and human health risk assessments, but he has experience in many other areas in the disciplines of analytical and environmental sciences, including radionuclide risk assessment. He worked for many years at the Atomic Energy Corporation (now NECSA) and has considerable experience in aspects pertaining to radionuclides and ionising radiation.

Dr Van Niekerk conducted many health-risk based contaminated site investigations, assessment of human exposure to toxic substances and health risks, sampling and chemical analysis of soil, water and other materials for industrial or environmental characterisation, statistical interpretation of analytical data, and the development of quality assurance documentation for scientific studies. Projects included the quantification of health risks associated with exposure to radionuclides. As part-time Professor in Vista University in Pretoria, he lectured for three years on the chemistry and toxicology of hazardous waste.

Recently, Dr Van Niekerk has been appointed in an advisory capacity by the Chemical and Allied Industries Association (CAIA), the Ferro Alloys Producers Association (FAPA) and the South African Iron and Steel Institute (SAISI) to assist with the development of a waste classification system according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS).

### QUALIFICATIONS

- BSc (Chemistry), Potchefstroom, 1965.
- Hons BSc (Chemistry), Potchefstroom, 1966.
- MSc (Chemistry), Potchefstroom, 1967.
- PhD (Chemistry), UNISA, 1973.
- QEP (Qualified Environmental Professional), IPEP, USA, 1996.

## **Other training programmes:**

- Time Management Training, DIMENCI, 1982.
- Selling: Getting Down to Basics and Selling: Without Seeing, Chris Penman, UK (presented in Johannesburg).
- Performance Appraisal Management, DIMENCI, 1983.
- Introspection, DIMENCI, 1983.
- Recession Survival, Johan Coetzee Consultants, 1983.
- Management of Conflict, AEC, 1985.
- Situation Leadership, Leadership Studies Productions, CA (presented in Pretoria), 1986.
- Selective Analysis of Ideas, Sales Analysis Institute, USA (presented in Pretoria), 1986.
- Principles of Marketing, UNISA, 1989.
- Rational Management, Kepner Tregoe, 1990.
- Strategic Thinking for Strategic Planning, The Pacific Institute Inc, USA (presented in Pretoria), 1991.
- Effective Communication of Health Risks, Air & Waste Management Association, Denver CO, 1993.
- Management of Technology, University of Stellenbosch, 1995.
- Implementation of ISO 14000 in Environmental Management, Air & Waste Management Association, Nashville TE, 1996.

## **CAREER HISTORY**

- Soil and Irrigation Research Institute, 1968 to 1971.
- Atomic Energy Board, 1971 to 1982.
- SMM Instruments, 1982 to 1984.
- Atomic Energy Corporation, 1984 to August 1997.
- INFOTOX, August 1995 onwards (Managing Director).

## **OVERSEAS EXPERIENCE**

- Illinois Institute of Technology, Chicago, 1980: Visiting scientist, participated in Love Canal environmental pollution studies.
- Visited research institutes and other organisations in the USA, England, Belgium, The Netherlands, Germany, Switzerland and Italy. Visits relating specifically to environmental sciences and technologies:
  - United Nations, Geneva, 1991.
  - RIVM, The Netherlands, 1991.
  - Sever Trent Water, England, 1991.
  - Battelle, Columbus, Ohio, 1993.
  - University of Illinois at Chicago, USA, 1993, 1996
  - USA Geological Survey, Virginia, USA, 1993.
  - Triangle Laboratories, North Carolina, USA, 1993.
  - USEPA, Cincinnati, Ohio, USA, 1996, 1997.
  - TERA, Cincinnati, Ohio, 1996, 1997, 2002.

- CDC, Cincinnati, Ohio, 2003.
- NIOSH, Cincinnati Ohio, 2003
- MSHA, Washington DC, 2003.