

**Name: Vincent Kanyongolo**

## **Dyambwini Construction and Projects Solution**

### **Auditing the Environmental Management System ISO 14001: Top Management Experience**

#### **About the Author**

Vincent Kanyongolo is a founder of Dyambwini C & Projects Solution

Vincent has the following additional academic qualifications: BSc Degree in Environmental Science, Hons (Environmental Science) Master of Science (Environmental Management) and various certificates.

**INTERNATIONAL BUSINESS AND INFORMATION SOLUTION (IBIS):** Certificate: Competitive Intelligence Collection.

#### **PROFESSIONAL REGISTRATION:**

- The Southern African Institute of Ecologist and Environmental Scientists (**SAIE&ES**).
- Southern Africa Auditor and Training Certification Association (**SAATCA**).
- The Environmental Assessment Practitioners of South Africa (**EAPSA**).

#### **Certification**

- South African National Accreditation System (SANAS) Certificate: Certification Course of ISO Guides 62, 65 and 66.

- Certificate: Certification Course of ISO Guides 17021.

#### *University of Potchefstroom*

- Certificate: Occupational Health and Safety Laws for Managers.
- Certificate: Environmental Management Systems (SABS/ ISO 14001)

- Certificate: Environmental Law
- Certificate: Environmental Audit

#### *University of Orange Free State*

- Certificate: Environmental Policy, Law, Assessment, Audit and Reporting.
- Certificate: Rocks, Soil and Rehabilitation. Basic Principles of Terrestrial Resources and Process.
- Certificate: Introduction to Environmental Management.
- Certificate: Environmental Sustainability.
- Certificate: Development Planning and the Environment.

#### **Eskom:**

- Environmental Management System (EMS) SABS/ISO 14001 Audit Status.
- Certificate: Eskom Power Generation Appreciation workshop
- Certificate: Eskom Auditor's course.

#### **Abstract**

##### **Training:**

- Community empowerment and awareness on Energy use, particularly Electricity savings and use in an efficient and sustainable way.
- Training Eskom Generation Leadership centre in Witbank on EMS ISO 14001:2004.
- Provided training on EMS ISO 14001:2004 auditing to the: 4<sup>th</sup> year and Honors, student at the University of Pretoria; Masters student at the Raad Afrikaans University, the Masters student at the University of The Free State.
- Environmental Management Systems training requirements including the environmental law Training, Waste management, EMS, Environmental Impact Assessment, Occupational Health and Safety and others). To various institutions.
- Implementation and auditing of the requirements of King code II, with respect to Environmental management (In particular, with reference to Sustainable Development).

Some of the completed projects and areas of involvement as follows:

- Involved in the Eskom Power Stations air pollution reporting and Generation Operational Committee
- Evaluation of air pollution compliance by Eskom Power Station
- Auditing Eskom Power Station's Air Pollution Monitoring and Compliance
- The Implications of the Minerals Development Bill 2000, on Eskom tied Mines.
- Eskom Tied Mines Environmental Management Audits.
- Simunye Power Stations Environmental Risk assessment.
- Monthly Review of Environmental Audit Reports.
- Roshcon Waste Handling.
- Project Leader: Eskom Environmental Data Integrity Auditor: Eskom Director's Report 2001 - 2007 and Eskom Annual Report 2001 - 2007 (on Sustainability Reporting and Compliance to King II and GRI Reporting requirements)
- 2002 Generation/Transmission and Distribution Groups EMS SABS/ISO 14001 auditing.
- Power Stations audits on Environmental Legal compliance (specifically, EIA Regulation, Water, Waste and Land Management related legislation).
- Hendrina Power Station Environmental Due Diligence Assessment
- Eskom Braamhoek Hydro Electric Project's environmental Due Diligence Assessment.
- And others.

Some of the audited organizations on Environmental Management System SABS/ISO 14001 and Occupational Health and Safety OHS 18001 Auditing are as follows:

- Various Divisions of the Eskom Group and All the existing Power Generation Stations.
- Nissan SA; SuD Chemie (Pty) Ltd; Magalies Water; Anglo American Research; Dwars Rivier Chrome Mine; Various PPC Cement Company; CSIR; Rotek Engineering; YKK Swaziland; Barloworld Placson; AEL (Explosives); SAB Miller; NECSA (Nuclear facility); SA Mint; Thabazimbi Iron Ore Mine; City Power Johannesburg; Benteler Automotive; Yanka Lab; Shaft Sinker; Sasol Polymers Chemical Business; Sasol Explosives; Sasol Phenosolvent; Sasol Carbo Tar; ABB Alrode; Dispack SA (Pty) Ltd; Sishen Manganese Mine; Sasol Wonderwater Coal mine.
- And others