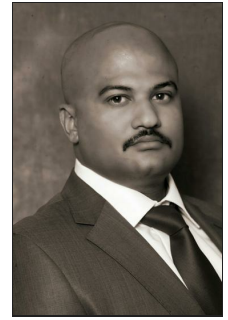


Curtis Enrico Meintjies

B.Sc. (UJ) B.Sc.Hons (UJ) GDE (Civil) (WITS) M.Sc. (Eng.) (WITS) Pr.Sci.Nat

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Summary

A multidisciplinary Post graduate Natural Scientist and qualified Engineer with 16 years' experience in the Energy industry for the Eskom Distribution Division. Strong technical aptitude and in-depth understanding of Energy technologies relating to coal, oil, gas, renewables and electricity transmission and distribution.

As an Environmental & Engineering professional for Eskom Distribution since December 2004, my work experience was obtained within the Land Development Department for Engineering Network Services (Asset Creation Department) which is responsible for a variety of functions which enables the expansion, maintenance, management and Business Development of Eskom's electrical networks and substations in the Gauteng Province. Key experience includes ensuring that the complete design processes has been followed and that appropriate value engineering principles are being applied and timeously constructed as well as checking compliance with organisational strategies inclusive of project controls, project financing, resource management and scheduling and process management.

This includes reviewing the viability of designs and securing financial approval and funding from relevant investment committees for execution. It also involves the management of environmental aspects relating to Air, Water, Biodiversity, Waste and Land including the engagement of stakeholders and specialists from diverse backgrounds ranging from engineering, environmental, property, legal, consulting and finance professionals to government agents. Fundamentally, experience gained involves cradle to grave activities through the entire project life cycle model, project approval, management, and the investment processes of various projects ranging from small to large high value engineering projects in the electricity industry including Renewables through Independent Power Producers (IPP's).

Work experience

Middle Manager Land Development & Environmental Dec 2011 - Present

[Eskom Distribution SOC Ltd](#)

The main job purpose is to lead the Land development and Environment function in the provincial Operating Unit to meet Land Rights & Environmental present and future needs while ensuring minimal negative effects on the environment, in alignment to legal requirements at a minimum life cycle cost.

Responsibilities include the following:

- Directing the integration of functional business units processes & systems
- Monitoring the effective operational activities against set targets & standards by Managing the integration of Asset Creation related matters and process requirements
- Initiating remedial plans/actions on deviation and manage risks
- Aligning and integrating Land & Rights, Environmental Management, Engineering Survey, Network Data Management and Land Development Technology in regional context
- Monitoring the implementation of sustainable growth & development by Development and integration of optimal long term expansion via strategic servitude acquisition
- Maintaining financial sustainability of expansion & refurbishment plans
- Implementing timeous system re-enforcement, refurbishment and customer projects
- Providing Land Development and Environment (survey, environmental, land & rights and data management) inputs for the short term capital investment program
- Providing appropriate technical solutions to the business.
- Timeously planning for and securing all upfront deliverables required by Land Development and Environment for the envisaged capital projects as agreed with relevant stakeholders
- Providing legal guidance related to Environmental Management and Land & Rights to the operating unit
- Monitoring conformance and analyse technical compliance to the Occupational Health and Safety Act and other legislation related to Environmental Management and the Built environment with respect to Land Development and Environment
- Monitoring compliance with Technology, Capital policies, processes & standards
- Maintaining sound corporate citizenship by selecting optimal routes and sites for new projects protecting rights and remedying environmental impacts in conformance to the Environmental Management System
- Developing, implementing and ensuring the recording of the networks data and performance indicators to ensure a high quality data

References

Pravind Orrie
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Eskom Distribution Division
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E-mail: Dave.Lucas@eskom.co.za

Rudi Kruger
Corporate Specialist
Eskom Corporate Sustainability
Tel +27-53-830-5771
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Email: rudi.kruger@eskom.co.za

Skills

Built Environment Acumen



Stakeholder Engagement



Analytical



Strategy Formulation



Human Resource Management



Presentation



Interpersonal



Negotiation



Leadership



- Providing the correct interpretation of plans/strategies/philosophies
- Acting as a regional centre of excellence with regard to Land Development and Environment Consulting services covering all environmental, land & rights, engineering survey and network data aspects in the operating unit
- Managing the building of skill, experience and capacity within Land Development and Environment to meet business and equity demand
- Analyzing and determining Stakeholder needs
- Promoting and convincing Stakeholders of Business requirements
- Building relationships with relevant government functionaries (National, Provincial and Local)
- Providing contractor and consultant support and development to improve safety, environmental & quality standard of services rendered
- Promoting compliance to safe behavior and environment
- Determining budget requirements for all resources, including financial, human resources, tools, assets, etc.
- Monitoring and controlling expenditure within allowable limits
- Compiling and updating the section's business plans to support high level business objectives
- Managing the required skills requirements by recruiting and training staff
- Managing the sections output performance and quality
- Promoting staff morale and motivation
- Keeping staff informed of business activities and also allowing staff to openly communicate with management

Organizational



Facilitation



Communication



Financial Management



Conflict Resolution



Project Management



Environmental Management Specialist Advisor

Sep 2007 - Nov 2011

Eskom Distribution SOC Ltd

The main job purpose is to provide a comprehensive Environmental Management service to the Electricity Distribution Business. This role manages Environmental issues for the Gauteng.

Responsibilities include the following:

- General Management of Environmental Dept. with 8 Sub-ordinate Environmental Practitioners
- Providing Specialist Advice to Key Receivers and Identifying Alternatives
- Controlling and monitoring Environmental management performance for input into the National reporting systems (KPI's)
- National Portfolios – ELC: Waste Management Task Team, ELC: EIA Task Team, GIS
- Ensuring Legal Compliance to Environmental Legislation
- Ensuring Compliance of the Region and all business units to ISO 14001 Environmental Management System
- Managing and Co-ordinating Environmental Impact Assessment (EIA)
- Estimating time and money for Environmental Impact Assessment (EIA)
- Procurement processes and Contract Management
- The execution of and monitoring a thorough Public Participation process through the consultant
- Co-ordinating the management of the Environmental risks over the entire Project Life Cycle
- Ensuring the incorporation of Environmental philosophies and design specifications
- Ensuring that the project cost structure and schedule make provision for the required studies
- Review of EIA's and Specialist Reports conducted by external Consultants
- Obtaining Water Use Licenses (WULA)
- Input into Planning, Review, Scheduling and Technical Forums
- Member of the Distribution Environmental Advisory Committee (DEAC)
- National Distribution Co-ordination of Eskom/DEA EIA Coordination Committee (EDCC)
- Project Management of Small and Large Capital Projects
- During & Post Construction Environmental Audits, Investigations
- Compliance Management to EMP's & Environmental Authorizations
- Networking & Co-ordinating projects with government officials
- Engaging Stakeholder Internally & Externally
- Developing Standards and Measuring performance against Statutory regulations
- Environmental training: Environmental Legislation, Eskom and the Environment, Environmental Awareness, Compliance Management, Environmental Management Systems

Environmental Management Practitioner

Dec 2004 - Aug 2007

Eskom Distribution SOC Ltd

The main job purpose was to produce Environmental Impact Assessments and Management plans for capital projects and environmentally hazardous incidents.

Responsibilities include the following:

- Environmental Impact Assessment (EIA)
- Route and site selection of power lines, cables and electrical substations
- Investigating wildlife interaction incidents and hazardous substance spills within Eskom
- Providing recommendations for mitigation and prevention
- Generation of Environmental Management Plans for Operation, Maintenance and Construction
- During and Post Construction Environmental Audits

Education

MSc. (Eng.) Engineering (Civil) 2010 - 2011

[University of the Witwatersrand Coal and Carbon Research Group, School of Chemical and Metallurgical Engineering Research:](#)

Dissertation:

"A Comparative Life Cycle Assessment Review of Conventional Pulverized Coal - Fired Electricity Generation and the Synergy of Underground Coal Gasification (UCG) linked with an Integrated Gasification Combined Cycle (IGCC)"

Graduate Diploma in (Civil) Engineering 2009 - 2010

[University of the Witwatersrand, School of Civil & Environmental Engineering](#)

- Environmental Management
- Waste Water Engineering
- Water Management
- Pollution Prevention and Abatement
- Project Management in Developing Areas
- Research Methodology

BSc. (Honours) Geography 2005 - 2006

[University of Johannesburg, Department of Geography, Environmental Management & Energy Studies](#)

- Philosophy and Methods of Geography
- Strategic Environmental Planning
- Energy Technology
- Geo-Informatics (GIS)
- Population Geography

BSc. Geography & Environmental Management 2002 - 2004

[University of Johannesburg, Department of Geography, Environmental Management & Energy Studies](#)

- Geography (Population, Political, Urban, Economic, Climatology, Geomorphology)
- Cartography
- Geology 1; 2; 3
- Geological Field Methods
- Structural Geology & Plate Tectonics
- Interaction: Man & the Environment
- Spatial Environmental Management
- Environmental Administration
- Environmental Development
- Environmental Evaluation & Assessment
- Environmental Monitoring & Mitigation
- Environmental Chemistry
- Engineering & Environmental
- Geology
- Geo-Informatics (GIS)
- Zoology
- Botany
- Biogeochemistry
- Statistics
- Soil Science
- Stratigraphy of Southern Africa
- Project Management
- Sociology
- Anthropology
- Information Science
- Business Management

Professional Affiliations and Memberships

- International Association of Impact Assessment (IAIA) South Africa
- South African Council for Natural Scientific Professions (SACNASP) Registration number: 100024/07
- South African Rights of Way Association (SARWA)
- Fossil Fuel Foundation
- University of the Witwatersrand Coal and Carbon Research Group

Additional Course work Completed

- EIA: The NEMA Regulations
- Implementing EMS (ISO 14001)
- Environmental Legislation
- Public Finance Management Act
- IWRM, NWA, WULA
- Finance for non-financial managers
- Project Management
- Ms Project
- South African Rights of Way
- Technical Report Writing
- Bird Identification
- Self and Stress Management
- Project Management
- Basic Map and Plans 1 & 2
- Small World GIS
- Land & Rights GIS (LARGIS)
- Advanced Driving
- Industrial Relations
- Wild Life Interaction
- ORHVS
- Basic Electricity
- First Aid Level 1&2
- Train the Trainer
- MS Access Level 1, 2 & 3
- Du Pont Safety Leadership
- Performance Management

Awards and Recognition

- Highly Commendable Award in the category of "Vision" – 30 June 2011
- Manager Award in the category of "Excellence" – Gauteng – 16 August 2013
- Manager Award in the category of "Excellence" – Divisional Winner -11 September 2013
- Manager Award in the category of "Excellence" – Divisional Winner -06 December 2017

Presentations of Papers delivered at Conferences

Coal Carbon Energy and the Environment – National Colloquium
Fossil Fuel Foundation In association with Eskom, Sasol and Coaltech – 12 May 2010
"A Comparative Life Cycle Assessment of Conventional Pulverized Coal - Fired Electricity
Generation and the Synergy of Underground Coal Gasification (UCG) linked with an
Integrated Gasification Combined Cycle (IGCC)"