

Thembinkosi Godfrey Blom

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PERSONAL DETAILS

Full Name & Surname	Thembinkosi Godfrey Blom
ID Number:	8909025384086
Home Language:	IsiXhosa
Language Proficiency:	English, Sotho, and Afrikaans
Driver's License:	Code C1
Gender:	Male

EDUCATION

TERTIARY

Institution:	Vaal University of Technology (2011)
Qualification (Completed)	N. Dip: Electrical Engineering (Heavy Current) with GGC subjects

Institution:	University of South Africa (2016)
Qualification (In progress)	B. Tech Degree: Electrical Engineering (Heavy Current)

Institution:	Department of Labour (2017)
Qualification (In progress)	Government Certificate of Competency: Factories
Current Subjects:	Plant Engineering (Preparation for Exam in November)

MEMBERSHIP OF VOLUNTARY ASSOCIATIONS

Name of Association:	Institution of Certificated Mechanical and Electrical Engineers of South Africa (ICMEESA)
Membership Grade:	Student
Membership No.	70448

Courses Attended:

- NEC Contract
- Delays, Disruption and Extension of time
- Wireman's License
- MS Project (Intermediate) and MS Excel (Advance)

PROFILE

I am an experienced and versatile E&I Engineer with solid technical, analytical skills and knowledge in the construction, operation and commissioning of Gold Mine Process Plants, Petroleum and Power Generation Plants. I have a good understanding of Project requirements with sound knowledge in planning, construction contracts and engineering which allow me to close the gaps between the construction, QC and Contractual aspects of a Project to ensure smooth Project execution.

SKILLS AND COMPETENCIES

- Problem Solving
- Communicating effectively and thinking Logically
- Reading/ interpreting an engineering drawing (Civil, Mechanical and Electrical)
- MCC construction / installation/ testing.
- Good understanding of installation standards.
- EPC Projects
- Contract Interpretation (NEC and FIDIC Contracts)
- Planning and Organizing (read/ interpret a project planning programme compiled from MS Project or Primavera P6)
- Good Technical and analytical Skills
- Training and skills Transfer
- AutoCAD Electrical (Basics)
- MS Products
- Project Costing
- Cable routing design
- Operation of Power plants
- Calculation for selection of cables, motors and cable trays
- Fault Finding on Electrical Circuits
- C&I Installations of Power Plants
- Process Plant DCS knowledge
- Lighting System Design
- Procurement and Supply Chain process knowledge.

CAREER SUMMARY

Company	Project	Position	Period	Client	Location
Group Five	Kipone Independent Power Plant- Power Generation Plant	Site Engineer	November 2016 – To Date	Client- Group Five Owner- CenPower	Ghana- Tema
Group Five	Adams Photovoltaic Solar Plant- Power Generation Plant	Site Engineer	June 2016 – November 2016	Client- Enertronica Owner- Enel Green Power	Northern Cape- Kathu
Group Five	Avon Power Plant- Power Generation Plant	Site Engineer	November 2015 – June 2016	Client- FATA & Ansaldo Energia Owner- Mott MacDonald	Shakaskral, KwaZulu Natal
Group Five	TM1 NMPP Plant – Petroleum Plant	Site Engineer	June 2014 – November 2015	Client- Kentz Owner- Transnet	Bluff, KwaZulu Natal
Group Five	Kibali Gold Mine- Gold Process Plant	Site Engineer	February 2014 – May 2014	Client- DRA Owner- Randgold	Democratic Republic of Congo
Group Five	Akyem Gold Mine- Gold Process Plant	Site Engineer	December 2013 – October 2014	Client- Lycopodium Owner- Newmont	Ghana- New Abriem
Group Five	TM2-NMPP Plant- Petroleum Plant	Graduate Trainee	September 2011– November 2012	Client- Kentz Owner- Transnet	Heidelberg- Gauteng
Group Five	Heat Recovery and Steam Generation Plant	Graduate Trainee	January 2011– September 2011	Client- Sasol	Sasol Secunda

Key Duties:

- Liaising with client engineer to resolve any installation disruptions and design discrepancies.
- Reviewing designs and communicating with client engineers to implementing best efficient installation methods.
- Assisting Master Installation Electrician with the classification of zones as per SANS 10108 requirements and ensuring equipment is as per Zone requirements.
- Performing load calculations for DB's, cable, motor and cable tray sizing.
- Performing calibration and functional checks for plant instruments.
- Assisting QS with Project Cost control and contractual communications with client.

- Compiling of method statements and assisting safety officer to ensure works are done in accordance with OHSACT Regulations.
- Working with site manager and project planner throughout project to facilitate smooth operation.
- Procurement of electrical equipment and material as per client data sheets and specifications and operational requirements
- Ensuring that E&I installations are done as per client specifications, SANS and industry practice.
- Supervising installation of control instruments in accordance with process requirements and P&ID.
- Assisting commissioning team with the testing of electrical machinery and commissioning.
- Supervising installation of impulse tubing, pneumatic and motorised valves.
- Supervising the assembly, installation of Power Transformers.
- Supervising the installation of Isolated Phase Bus-ducts and MCC installations.
- Providing support to QA/QC team in performing quality checks and compiling of handover documents.
- Managing Subcontractor
- Technical Report Writing

REFERENCES

Mr. Andre van Rensburg

Group Five (E&I)

Contract Manager

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Mr. Kevin Anderson

Group Five (E&I)

Master Installation Electrician (MIE)

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Mr. Prenesen Rangasamy

Kentz

Electrical Field Engineer

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