



de villiers & moore



**Consulting Engineers
Electrical, Mechanical, Energy**

INFORMATION BROCHURE

De Villiers & Moore is a firm of Consulting Engineers specialising in electrical power distribution and reticulation systems and a comprehensive range of electrical, electronic, mechanical and energy management services for buildings, hospitals and industry.

We are Corporate members of Consulting Engineers South Africa.



OUR VISION

A prosperous consultancy respected for engineering excellence in an environment where all can develop to their full potential.

A GENERAL INFORMATION

De Villiers & Moore (Pty) Ltd.
Member firm: Consulting Engineers South Africa (CESA)

A.1 OFFICES:**HEAD OFFICE - DURBANVILLE**

1 De Villiers Drive
P O Box 472
DURBANVILLE
7551

Tel: (021) 976-3087
E-Mail: admin@devmoore.co.za
Web Page: www.devmoore.co.za

BRANCH OFFICE - STELLENBOSCH

20 Krige Street
First Floor
P O Box 1175
STELLENBOSCH
7600

Tel: (021) 887-1859 / (021) 887-2812
E-Mail: stellenbosch@devmoore.co.za
Web Page: www.devmoore.co.za

BRANCH OFFICE - GEORGE

3 Varing Road
Corporate Park
Dohlnesdrift
P O Box 1412
GEORGE
6530

Tel: (044) 874 4496
Fax: (044) 874 6274
E-Mail: dvmgeo@mweb.co.za
Web Page: www.devmoore.co.za

A.2 DIRECTORS:

W BADENHORST : Pr Tech Eng 201170236 (2011)
B Tech Electrical Eng: Johannesburg University of Technology (2001)

R G HALL : Pr Eng 920126 (1992)
BSc Eng (Electrical) Cape Town 1985
Government Certificate of Competency (Mines and Works)

T H HEYNS : Pr Tech Eng 200770021 (2007)
NHD Mechanical Eng
B Tech Mechanical Eng: Cape Peninsula University of Technology (1996)

C KOCH : Pr Eng 20010099 (2001)
B Eng (Electrical & Electronic) Stellenbosch (1996)
Member of the SA Institute of Electrical Engineers

ASSOCIATE:

G ARENDSE : Pr Tech Eng 201270354 (2012)
B Tech Electrical Eng: Cape Peninsula University of Technology (2007)

A.3 ENGINEERS AND TECHNICAL SUPPORT STAFF:

W BADENHORST	:	Pr Tech Eng 201170236 (2011) B Tech Electrical Eng: Johannesburg University of Technology (2001)
T H HEYNS	:	Pr Tech Eng 200770021 (2007) NHD Mechanical Eng B Tech Mechanical Eng: Cape Peninsula University of Technology (1996)
C KOCH	:	Pr Eng 20010099 (2001) B Eng (Electrical & Electronic) Stellenbosch (1996) Member of the SA Institute of Electrical Engineers
R G HALL	:	Pr Eng 920126 (1992) BSc Eng (Electrical) Cape Town 1985 Government Certificate of Competency (Mines and Works)
A J DIPPENAAR	:	B Tech Electrical Eng: Cape Peninsula University of Technology (2000)
G ARENDSE	:	Pr Tech Eng 201270354 (2012) B Tech Electrical Eng: Cape Peninsula University of Technology (2007)
M M ROBERTS	:	Pr Tech Eng 201270424 (2012) National Diploma N6: Electrical Engineering
P CHRISTENSEN	:	B Tech Electrical Eng: Cape Peninsula University of Technology (2007)
D GROBLER	:	Pr. Tech. Eng 201370007 (2013) NHD Air conditioning & Refrigeration: Cape Technikon (1988)
A MATHIESON	:	B Tech Electrical Eng: Cape Peninsula University of Technology (2014)
Q VAN DER MERWE	:	Pr Tech Eng 2018300085 (2018) B Tech Electrical Eng: Cape Peninsula University of Technology (2006)
R KHOZA	:	National Diploma Engineering: Electrical Cape Peninsula University of Technology (2018)
H KRIEL	:	B Tech (Mechanical): Cape Peninsula University of Technology (2018)
I LOOTS	:	B Eng (Mechanical): North West University of Potchefstroom (2016)

J WERNICH	:	Draughtsman
B VAN NIEKERK	:	CAD Operator
E CLOETE	:	CAD Operator
A BLANKENBERG	:	CAD Operator
R ROBERTS	:	CAD Operator

A.4 ADMINISTRATIVE:

Administrative Personnel	:	5
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B **ELECTRICAL PROFICIENCY OF THE PRACTICE**

1. Master Planning, design and specification of medium and low voltage electrical reticulation in Residential areas.
2. Street, sportsfield and high mast lighting.
3. The compilation and investigation of electrical tariffs and regulations.
4. Electrical reticulation and installation in residential estates and group housing schemes.
5. Electrical service agreements between developers and supply authorities.
6. High voltage (66 and 132 kV) distribution cabling and substations.
7. Electrical installations in educational centres and hospitals.
8. Electrical installations in commercial and industrial buildings.
9. Electrical installations in wineries.
10. Emergency electrical power supply systems.
11. Building and energy management, fire detection, security and access control systems.
12. Data distribution systems.
13. Industrial electrical installations.

C **MECHANICAL PROFICIENCY OF THE PRACTICE**

1. Air conditioning and ventilation installations.
2. Industrial and commercial refrigeration installations.
3. Central and solar heating installations.
4. Building energy management.
5. Steam generation systems.
6. Rational fire design and reports.
7. Fire protection systems.
8. Hot and cold water systems.
9. Compressed air and medical gas installations.
10. Kitchen and laundry equipment.
11. Fume and dust extraction systems.
12. Materials handling systems.
13. Evaluation of industrial installations.
14. Pump stations.
15. Crushing Plants.
16. Elevator and escalator installations.

D LIST OF PROJECTS

Since its establishment 45 years ago, the company has handled more than 3000 projects. A sample of noteworthy projects is provided below:

D.1 ELECTRICITY POWER RETICULATION

- Master plans for Khayelitsha, Blue Downs, Durbanville,
- Goodwood, Stellenbosch, Mossel Bay, Still Bay, Parklands, Malmesbury,
- Drakenstein (66kV)
- Betty's Bay, Dana Bay residential reticulation
- N1 66/11 kV Substation
- Windhoek 66/11 kV CBD Line and Substation
- Stellenbosch Cloetesville 66/11kV Substation
- Tariff investigations, outsourcing contracts and monitoring
- Housing Electrification projects
- UCT – Graça Machel Substation
- Franschhoek – 66/11 kV Substation
- Parklands Bulk Services
- Stilbaai 66/11 kV Substation & Line
- UCT – Jameson & All Africa Substations
- UCT – Neb substation
- City of Cape Town – various undergrounding of overhead services
- Doornbach Electrification Project
- Jamestown Substation

D.2 OFFICE BUILDINGS

- Bellville - Sanbel Office Building
- Cape Town - Fedlife Office Building
- Bellville - Sanlam Head Office
- Metropolitan - Head Office
- Goodwood – Upgrading of Libertas Centre
- Stellenbosch – British American Tobacco Offices
- PathCare – Head Office & Laboratory
- Braamfontein – Metropolitan Health Head Office
- Elsenberg Executive Office Block
- Stellenbosch – Technopark – Capital Place Office Park
- UCT – 7 on Main
- BIBC – Office refurbishment
- George Magistrate Office

LIST OF PROJECTS (continued)**D.3 SHOPPING CENTRES**

- Bellville - Middestad Shopping Centre
- Knysna - Woodmill Lane Shopping Centre
- Stellenbosch - Langenhoven Student Centre
- Bellville - Santyger Shopping Centre
- Bellville – Tyger Valley Arena & Entertainment Centre
- Oudtshoorn – Queens Mall
- Wilderness – Spar Shopping Centre
- Hout Bay – Fisherman’s World Shopping Centre
- Strand – Broadway Boulevard Shopping Centre
- Knysna – West End Mall
- Mossel Bay mall Extension
- Paradys Kloof – Moorreesburg
- Riverstone Mall – Wynberg
- Mangaung Mall – Bloemfontein
- Thembalethu Mall – George
- The Stables – Retails Centre

D.4 INDUSTRIAL PROJECTS

- George - SAB Hop Farms - Pellet Drying Factory
- Mossel Bay - Klipheuwel : Water pump station for Mossgas
- Robben Island - Power Station and Electrical Distribution
- Athlone - Refuse Transfer Station - Containerisation of Waste
- Cape Town – Borchards Quarry Water Treatment Works
- Durbanville – Klipheuwel Pump Station
- Port Elizabeth – Aspen Pharmacare SVP Plant
- Mellon Housing Initiative Factory
- Kleinbrak - Water Treatment Works
- Stellenbosch – P.G. Junction
- Boxmore Plastics – Somerset West
- Firgrove Estate Industrial
- Donaldson Filtration
- Langeberg Industrial
- Green Point Sewerage Station
- Fish Hoek Pump Station
- Table Mountain Cable Station

LIST OF PROJECTS (continued)**D.5 RESORTS, HOTELS AND GROUP HOUSING**

- George - Fancourt Hotel
- Oudtshoorn - Cango Caves - Upgrading of Buildings
- Durbanville - De Rust Retirement Village
- Stellenbosch - Lanzerac Estate - Upgrading
- Mossel Bay - Golf Course Development
- Table View - Vue du Cap - Retirement Village
- George – Golf Estate
- Pearl Valley – Golf Estate
- Pezula Resort, Knysna
- Piketberg – Wheatfields Lifestyle Estate
- Simola Golf and Country Estate
- Simola Hotel
- Malmesbury – Mount Royal Golf and Country Estate
- Kingswood Golf and Country Estate
- Knysna – Thesen Islands Dry Mill Apartments
- Wilderness – The Views
- Evergreen Retirement Centre, Muizenberg
- Panorama Palms Retirement Centre
- The Beaumont – Claremont
- Riversong Apartments
- Fishermans Hamlet Hotel
- Klappmuts Pinotage Village
- Burgundy Estate
- Brenton Hotel

D.6 HOSPITALS

- Parow - Panorama Medi-Clinic
- Mitchells Plain - Mitchells Plain Medi-Clinic
- Plumstead - Constantiaberg Medi-Clinic
- Somerset West - Vergelegen Medi Clinic
- Grootte Schuur Hospital – UCT Medical Centre
- Valkenberg Hospital Admissions Centre
- Panorama, George, Cape Gate & Bloemfontein Oncology Units – GVI Oncology
- Hartenbos Frail Care
- Outeniqua Eye Clinic – George
- Durbanville Plastic Surgical Clinic
- Grabouw Clinic
- District Six, Community Health
- Napier Clinic
- Knysna Public Hospital
- George Hospital
- Mossel Bay Day Hospital
- Hessequa Medical Centre – Stilbaai
- Mossel Bay Life – Bay View Hospital

LIST OF PROJECTS (continued)

D.7 EDUCATIONAL

- Worcester - Teacher's Training College
- Khayelitsha - Encotsheni Primary School
- SACS High School - Media Centre
- Esangweni Secondary School
- UCT – Barnard Fuller Building
- Khayamandi Secondary School
- Cape Peninsula University of Technology – E-Centre
- Stellenbosch University – Various buildings
- UCT – Various Buildings, Laboratories and Substations
- Overberg, Winelands & Cape Metropole Grade R Classrooms
- Stellenbosch – Academia Hostel Complex
- Stellenbosch University – J.S. Gericke Library
- St Thomas Primary, Malmesbury
- Delft Primary
- CPUT – Education Building
- CPUT – Bellville South Electrical Engineering
- Eskom Koeberg Power Station

D.8 SAFETY & SECURITY

- Helderstroom Prison
- Drakenstein Prison, Paarl
- Warm Bokkeveld Prison, Ceres
- George Prison
- Malmesbury Prison
- Prince Albert Prison
- Beaufort West Prison
- Paarl Police Station
- Pearl Valley – Golf Estate



**Broad Based Black Economic Empowerment
Verification Certificate**

DE VILLIERS AND MOORE (PTY) LTD

Registration Number	:	1999/006693/07
Vat No	:	4420254379
Head office Address	:	1 De Villiers Drive, Durbanville, 7551
Postal Address	:	PO Box 472, Durbanville, 7551
Verification Standard Applied	:	Qualifying Small Enterprise Revised Codes Construction BEP Sector Scorecard (Gazette No: 41287)
Issue of the rating standard applied	:	Section 9 of the B-BBEE Act 46 of 2013
Scorecard Applied	:	Qualifying Small Enterprise Scorecard (> R6 million but < / = R25 Million Annual Turnover)

LEVEL 2 Contributor to B-BBEE			
Element	Element Weighting		Score
Ownership	27 + 3		21.50
Skills Development	24 + 2		14.00
BEE Procurement Recognition Level	125.00%	Black Designated Group	0.00%
Black Ownership	51.50%	Black Youth	0.00%
Black Ownership (MFT)	N/A	Black Disabled	0.00%
Black Women Ownership	40.75%	Black Unemployed	0.00%
Empowering Supplier (Yes/No)	YES	Black People in Rural Areas	0.00%
Exclusion Principle	NO	Black Military Veterans	0.00%
Black New Entrant	0.00%	Discounting Principle	YES
Achieved Skills Development sub-minimum	YES	Designated Group Suppliers	NO
Level Enhanced	YES		
Financial Period Applied	28 February 2021	Expiry Date	30 June 2022
Date of Issue	01 July 2021	Period of validity	12 Months
Date of Re-Issue	N/A	Certificate Number –	B-BBEE: 01/B-BBEE/DVM/QSE/01/07/2021

Empowerbee (Pty) Ltd is a SANAS Accredited Verification Agency. Empowerbee has assessed and verified the relevant B-BBEE elements of the above-mentioned enterprise to provide an independent and impartial opinion, the B-BBEE status reflected in this Certificate has been determined in all material respects, in accordance with the BBBEE Codes. This Certificate and Scorecard Report has been determined on the basis of information provided to Empowerbee (Pty) Ltd and represents an independent and impartial opinion based on the verification completed by Empowerbee (Pty) Ltd.

Bhaveshen Padayachee CA (SA)
Technical Signatory



BVA199