

Curriculum Vitae for Dr. Gustav Adolf Müller

Curriculum

Vitae Gustav Adolf Müller

Contact Information

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Personal Information:

Date of Birth: 30-06-1953
Criminal Record: None
Marital Status: Married
Health: Good

Role Title:

**Building Services Engineering/Facilities
Management Consultant**

Summary of qualifications:

1970 – 1973: Pretoria Central Technical College - Pretoria
National NTS 3 Certificate: Electrical

1985 – 1989: Pretoria West Technical College - Pretoria
National Engineering Diploma:- Mechanical 1987 :- Electrical 1989

1987-1991: Centurion Technical College - Pretoria
Government Certificate of Competency: Electro-technical Engineer

1996-1999: Production Management Institute - Johannesburg
Advanced Diploma: Production Management

1997-1999: Production Management Institute – Johannesburg.
Masters Diploma: Business Management

1997-2000: Hertfordshire University – London, UK
BSc: School of Mechanical Engineering

2000-2003: Production Management Institute - Johannesburg
MSc: Operations Management

2003-2005: British Commonwealth Open University - UK
PhD: Organizational Behavior / Sick Building Syndrome

2006-2007: St. Clements University - Switzerland
D.Litt: Engineering Governance

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Industry experience:	1970 – 1973: South African Railways	Pretoria
	Apprentice Electrician to Qualified artisan	
	Training and trade tests	
	1974-1975: Electro Projects	Johannesburg
	High Voltage Electrician	
	Equip new mine shafts and Mining headgears with bulk electricity supply.	
	1976-1981: De Luxe Consolidated Laundry Group	Pretoria
	Electrician / fitter and turner to Foreman	
	Maintenance of buildings and depots	
	Maintenance of boilers and steam reticulation	
	Maintenance of electrical reticulations	
	1982-1989: ICS-Festive Chickens	Olifantsfontein
	Assistant Foreman to Utility Services Manager	
	Operations and maintenance of bulk electricity (High voltage).	
	Operations and maintenance of bulk refrigeration and air-conditioning.	
	Operations and maintenance of bulk steam generation and Reticulation.	
	Operations and maintenance of bulk potable and effluent water Supplies.	
	1990-1991: Overvaal Holiday Resorts (Aventura)	Badplaas
	Department Head: Electrical, Refrigeration and Air-conditioning	
	Maintenance of High Voltage electricity supply..	
	Maintenance of refrigeration and air-conditioning systems.	
	Maintenance of commercial and domestic laundries.	
	Maintenance of potable and sewage water plants	
	1992-1998: Eskom Properties	Johannesburg
	Resident Engineer	
	Responsible for all infrastructure of 18 towns adjacent to Power Stations.	
	Responsible for all infrastructure of 700 buildings through-out South Africa.	
	Legally appointed GMR 2.1 Competent Engineer for all Eskom Properties with the Chief Inspector of Machinery at the Department of Labour.	
	1998-1999: Mca (subsidiary of Telkom/Infracom)	Pretoria
	Executive Operations Manager	
	Responsible for the establishment and operations of 7 regional	

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offices country wide, as well as the appointment of suitably qualified management personnel.

Responsible for the establishment and operations of a head office engineering support division as well as the appointment of appropriate engineering support personnel.

Marketing and Rendering of work and contracts.

1999-2000: CCH Pretoria / Cape Town

Executive Client Manager: Mutual park and Canal Walk

Responsible for the rendering, securing and establishment of both these contracts, one year apart from each other.

Responsible for the transition process, due diligence period as well as the various implementation exercises in both instances.

2000-2003: TILCA Pretoria

Executive Technical Consultant

Engineering Integration between disciplines

Specialized Engineering / Facility Consultancy to the TIM division.

Appointed Safety, Health and Environmental Custodian for Tilca.

Technical Advisor for the MD of Tilca Consultancy.

2000-2004: International Consultation UAE, Nigeria, Mauritius

Technical Consultant

Building Services Engineering

Infrastructure Maintenance

Statutory Compliance

Infrastructure Operations

2004-2005: National Consultation Pretoria

Technical Consultant

Mesure Facility Management

Afrox Hospital Group

RMB Properties

Siemens Trilithon

Siemens Botswana

2005-2006: WITS University (Mesure) Johannesburg

Resident Engineer

GMR. 2.1 Responsible Engineer

Building Services Engineering

Infrastructure maintenance

New Business Development

2006-2009: Torres Atlantico Project Luanda, Angola

Building Services Engineer

Infrastructure Development for Torres Atlantico

Maintenance advisory for BP Luanda

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Fm Services Advisory for Exxonmobil

**2010-2015: Torres Atlantico Project Luanda, Angola
Engineering and Facilities Supervisor**

Technical & Maintenance Contract Management

Operational Cost and Budget Optimization

Building Services Engineering Consultancy

Training and Upliftment of Human Resources

Upgrades and Project Management

Presentations and Publications:

Johannesburg Eskom Properties Seminar 1993 :
Statutory requirements for the property owner

Johannesburg Sapoa Convention 1994: Energy Conservation.

Johannesburg International Institute for Research 2000 :
Occupational Health, Safety and Environmental Compliance for the
Facility Industry in the year 2000's.

Pretoria University Final Year Symposium At CSIR (Prof. Brummer) -
2002: The role of Technical Management in the Property Environment.

Johannesburg Safma 2003: Advanced Maintenance Principles for
Smart Buildings

Cape Town ICMEESA 2004: Integrated Maintenance management in
the Infrastructure Environment

Johannesburg Safma 2005: Sick Building Syndrome.

Professional memberships:

President for the term 2003 for the Institute for Certificated
Mechanical and Electrical Engineers of South Africa, also council
member for the past 18 years. Senior Member no. 60171

Engineering Council of South Africa: Professional
Certificated Engineer-no. 9690030

Engineering Council of South Africa: Registered Lift Inspector no.
200211136

South African Institute for Refrigeration and Air-conditioning
Engineers: Member no 1889

South African Institute for Mechanical Engineers: Member no.133184

Independent Lift Inspectors Association of South Africa: Member
no. 064

Water Institute of South Africa: Member no. 21120

Design, Technology and Management Society, International: Fellow

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Member No. 027/0410

Society of Professional Engineers – UK: Fellow Member No. A10380

Community activities:

Past part time, Post Graduate Lecturer for the Government Engineering Certificate of Competency, at Eskom College in Midrand South Africa, from January 1992 to December 2005 in the discipline of Refrigeration Air Conditioning and Ventilation.

Past part time, Lecturer for Facility Management and Building Services Engineering, at FMSA.

Past part time, Lecturer for Facility Management and Building Services Engineering, at Centurion Academy.

Accreditations:

Government Certificate of Competency as Electro-Technical Engineer no.2337

Installation Electrician Certificate no. 02077 (Houses and buildings).

Master Installation Electrician Certificate no.00930 (hospitals, fuel dumps and hazardous installations).

Eskom Certificate for High Voltage Operations no.

0123361 Boiler Supervisors Certificate no. M 86024

Department of Labour Trade Certificate as Refrigeration Mechanic Industrial no. E 87 / 581

Department of Labour Trade Certificate as Electrician no. SM 6479

Department of Labour Trade Certificate as Wireman no. B 78 / 438

Department of Labour Trade Certificate as Lift Technician no. SSL2000012

Voluntary experience:

National Energy Work Group of the Department of Minerals and Energy Affairs for the generation of the National Energy Act as well as it's associated SAEDES regulations. (1995-1997).

Awards received: CCH I S “Marketing of the Year” award for winning the Mutual park and Canal Walk Contracts.

Exposition of professional experience

1. Office Management

At Eskom Properties I headed up an engineering office in Megawatt Park (Eskom's Head Office) with professionals of various disciplines, which reported directly to me as well as qualified technical personnel taking responsibility in each of six regional offices, country wide. The duties surrounding this position included Finance, HR, Training, Governance and Operations.

At Mca I was the Executive Operations Manager with two divisions reporting to me for which I was accountable in total.

I headed up the Mutual Park as well as Canal Walk offices after I conducted the marketing, presentation, proposal and obtained the contracts. Here I held office for two years which was extremely difficult as these were the first contracts outside of the Telkom contract and the whole of Tilca (520 people strong and called Infracom at the time) wanted to handle Old Mutual like a Government Parastatal and that at the Head Office of Old Mutual Africa. Mutual did not take it lightly and it needed extraordinary effort.

2. Programme of projects

While being appointed as Resident Engineer of Eskom Properties One of the duties of the operations was that of the Project Engineer and I had to take full responsibility and accountability, not only at Eskom Management but also at the Department of Labour with the Chief Inspector of Machinery for each project consisting of new installations, upgrades, renovations and retrofits of machinery, plant, equipment, roads, reticulations, buildings, sports fields, sewage plants and the likes.

The due diligence period for implementation of the Mutual contract consisted of 51-mile stones which of each formed a little project in itself. This was a total project programme, which was supported from Pretoria, rendering extreme control and co-ordination of effort, time and cost so to produce progress and results so to realize client satisfaction.

3. Building/infrastructure Industry

I dedicated my whole working life to the building industry and it's associated infrastructures although I would say my professional career started with the appointment as Resident Engineer of Eskom Properties, responsible for all their towns as well as all their buildings.

I joined Mca, an affiliation of Telkom/ Infracom, in June 1998 and I performed in various executive positions pertaining to the building/infrastructure industry.

4. Own Company

I started my own Electrical and Mechanical Consulting Company and have spent time rendering advisory and auditing service in Nigeria, UAE as well Mauritius.

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5. **Resident Engineer**

I was employed by Measure Facility Management as the Responsible Engineer for the four Campuses of WITS University comprising of 294 buildings.

6. **Building Services Engineer**

I was employed under a 4-year contract with Bp in Luanda, Angola. This was primarily to commission and start-up the unique Torres Atlantico head-office Complex for the newly formed Exxonmobil, BP, Sonangol alliance.

7. **Engineering and Facilities Supervisor**

In June 2015, I finished a 6 year contract with Exxonmobil In Luanda, Angola to implement and operate a total integrated operations division for the Torres Atlantico Complex. This was primarily to head-up and assist with the implementation of various sub-contracts and appointment of their associated people. The primary output is optimization of cost structures, systems and operational processes as well as policies and procedures.

8. **Mechanical Engineering Consultant**

Currently I am appointed as Mechanical Engineering Consultant for Pretoria University and specializes in the field of Thermo Dynamics and HVAC & R.