

SEAN STRYDOM

Passionate and Motivated
Civil Engineer and Project Manager

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Professional Profile

Strong and dynamic Civil Engineer with extensive experience including more than a decade of project management as a materials specialist. Proven and demonstrated knowledge of roads and highways, construction quality assurance, and industrial training. Ensure comprehensive implementation of processes and policies to generate revenue and streamline operations. Effective and proven track record of critical thinking, strategic vision, and organisational prioritization. Collaborate with diverse and multifaceted teams to build lasting relationships with peers, colleagues, and management. Seeking to align skill-set with a forward-thinking organisation.

Core Competencies

Project Management / Strategic Decision Making / Organizational Leadership / Contract Law / Financial Management / Document Management / Quality Assurance / Training and Mentoring
Civil Engineering / Roads and Highways / Pavement Engineering / Geology / Geomechanics / Laboratory Testing

Career Summary

-  Project Manager and Materials Specialist 2008 - Current
 South African National Roads Agency
-  Project Manager Role
RESPONSIBILITIES
 - Successfully developed, documented, and implemented new registration category with regard to Civil Laboratory Technical Controllers
 - Worked directly with Walter Sisulu University to develop Higher Certificate in Construction Materials including curriculum and best practices
 - Oversaw curriculum of new Occupational Certificate for Materials Testers in the Civil Engineering Materials Testing Laboratory
-  Construction Project Manager Role
RESPONSIBILITIES
 - Oversaw numerous high-profile and complex projects including design, scheduling, and working directly with third party vendors to ensure projects are on time and under budget.
 - Effectively implemented project consisting of rehabilitation of National Route 75 with a budget of ZAR372M+
 - Drove project design for implementation of ZAR180M+ road safety measures of National Route 75
 - Ensured proper project management for National Route 9 with a construction budget of ZAR93M+
 - Collaborated with multiple Engineers, Management, and peers for the rehabilitation of National Route 10 with a construction budget of ZAR111M+
-  Materials Specialist Role
RESPONSIBILITIES
 - Drive solid reliability of laboratory test results through internal audits and comparative testing.
 - Ensure materials related issues are solved in a timely manner on site while traceability is established
 - Collaborate with multiple departments in an effort to participate in activities of SANRAL's materials, pavement, and quality management.
 - Effectively maintain documents for laboratory services for quality control and construction projects.

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Operations Manager
2007 – 2008
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Labco Civil Engineering Materials Testing Services
- RESPONSIBILITIES**
 - Drove all production management for testing services including evaluation of testing results, internal audits, and non-conformance reports in an ISO 17025 Accredited facility
 - Oversaw a team of staff members including personnel evaluations, scheduling, and delegating workload
 - Compiled and reported on geotechnical reports and geotechnical analysis
 - Ensured solid handling of customer and client service in a professional manner, troubleshooting issues until reconciliation
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Materials Technologist
2007
- 
Argus Gibb Engineers
- RESPONSIBILITIES**
 - Conducted Geotechnical analysis and investigations
 - Oversaw commercial laboratory investigations of road pavement on behalf of the client
 - Compiled and reported on geotechnical reports and geotechnical analysis
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Civil Engineering Technologist
2006 – 2007
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Sotiralis Consulting Engineers
- RESPONSIBILITIES**
 - Conducted Geotechnical analysis and investigations
 - Oversaw commercial laboratory investigations of founding conditions on behalf of the client
 - Compiled and reported on geotechnical reports and geotechnical analysis
- 
Materials Technician and Technologist in Training
2002 – 2006
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Soillab Materials Testing Laboratory
- RESPONSIBILITIES**
 - Conducted Geotechnical investigations and laboratory testing
 - Oversaw laboratory investigations and profiled geostata
 - Compiled and issued test results

Education

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Bachelor of Built Environment – International Civil Engineering Management
2003
- 
Hanze University in Groningen, The Netherlands
- 
Bachelor in Technical Engineering – Civil Geotechnical Engineering
2003
- 
Technikon Pretoria, South Africa
- 
National Diploma – Engineering Civil
2001
- 
Technikon Pretoria, South Africa
- 
Construction Management Programme
2009
- 
Universities of Stellenbosch, Pretoria, Cape Town, and Witwatersrand, South Africa
- 
Asset Management Systems
2017
- 
University of Stellenbosch, South Africa

Professional & Voluntary Organizations

	Engineering Council of South Africa	
	Registered Professional Engineering Technologist	2011 - Current
	Tshwane University of Technology	2010 - Current
	University of South Africa	2012 - Current
	Nelson Mandela University	2016 - Current
	Walter Sisulu University	2018 - Current
	Academic Advisory Board	
	Industry Representative Committee Member	
	Committee of Transport Officials	
	Road Materials Committee	
	Committee Member	2013 - Current
	Committee of Transport Officials	
	Materials Testing Committee	
	Chairperson	2013 - Current
	Engineering Council of South Africa	
	Civil Engineering Technologist Registration	
	Civil Engineering Technicians Registration	
	Civil Laboratory Technical Controller Registration	
	Assessor	2013 - Current
	Interviewer	2014 - Current
	Moderator	2016 - Current
	Trainer	2016 - Current
	South African Bureau of Standards	
	Technical Committee 81: Construction Materials, Products and Test Methods	
	Sub-Committee: Roads and Pavement Materials Testing	2011 - Current
	Sub-Committee: Bitumen and Bituminous Products	2016 - Current
	Sub-Committee: Cement Line and Concrete	2018 - Current
	Sub-Committee Member	
	South African National Accreditation System	
	Civil Engineering Materials Testing Specialist Technical Committee	
	Chairperson	2012 - Current
	National Laboratory Association of South Africa	
	Civil Engineering Materials Testing (MatCivils) Sub-Committee	
	Sub-Committee Member	2009 - Current
	Society for Asphalt Technology	
	Eastern Cape Regional Committee	
	Society Member	2008 - Current
	Regional Committee Member	2015 - Current

Professional References

Mr. Roland Thompson is the Operation Manager and my line manager in my current position and he may be contacted on +27 83 377 4617 or at thompsonr@nra.co.za.

Mrs. Marlize Nel-Verwey is a fellow Project Manager with my current employer and she may be contacted on +27 83 309 8852 or at Nel-verweym@nra.co.za.

Mr. Rob Damhuis is a former colleague with whom I had worked closely for a number of years and he may be contacted on +64 22 277 6494.