

<b>Name of Firm</b>	Airshed Planning Professionals (Pty) Ltd
<b>Name of Staff</b>	René von Gruenewaldt ( <i>nee</i> Thomas)
<b>Profession</b>	Air Quality Scientist
<b>Date of Birth</b>	13 May 1978
<b>Years with Firm</b>	More than 9 years
<b>Nationalities</b>	South African

### Qualifications:

<b>M.Sc Earth Sciences (2009)</b>	University of Pretoria, RSA, Cum Laude
<b>B.Sc Hons. Earth Sciences (2001)</b>	University of Pretoria, RSA, Cum Laude (Environmental Management and Impact Assessments)
<b>B.Sc Earth Sciences (2000)</b>	University of Pretoria, RSA (Atmospheric Sciences: Meteorology)

### Membership in Professional Societies:

- Registered Professional Natural Scientist (Registration Number 400304/07) with the South African Council for Natural Scientific Professions (SACNASP)
- Member of the National Association for Clean Air (NACA)

### Languages:

	<b>Speak</b>	<b>Read</b>	<b>Write</b>
<b>English</b>	Excellent	Excellent	Excellent
<b>Afrikaans</b>	Fair	Good	Good

**Countries of Work Experience:** South Africa, Mozambique, Malawi, Kenya, Democratic Republic of Congo, Namibia, Madagascar, Egypt, Suriname and Iran.

### Key Qualifications:

René von Gruenewaldt (Air Quality Scientist) has attained over nine (9) years of experience in the Earth and Natural Sciences sector in the field of Air Quality. As an environmental practitioner, she has provided solutions to both large-scale and smaller projects within the mining, minerals, and process industries. She has developed technical and specialist skills in various modelling packages including the industrial source complex models (ISCST3 and SCREEN3), AMS/EPA Regulatory Models (AERMOD and AERMET), UK Gaussian plume model (ADMS), EPA Regulatory puff based model (CALPUFF and CALMET), puff based HAWK model and line based models. Her experience with emission models includes Tanks 4.0 (for the quantification of tank emissions) and GasSim (for the quantification of landfill emissions). Having worked on projects throughout Africa she has developed a broad experience base and has a good understanding of the laws and regulations associated with ambient air quality and emission limits in South Africa and various other African countries, as well as the World Bank Guidelines, European Community and World Health Organisation.

### Employment Record:

2002 - present	Airshed Planning Professionals (Pty) Ltd	Principal Air Quality Scientist
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