

Company position: Senior Environmental Consultant

Name of Firm: PBA International (SA)

Name of Staff: Jacques Malan Boonzaaier

Profession: Environmental Management Specialist

Date of birth: 2 June 1973

Nationality: South African

Membership in Professional societies:

Member of the Institute for Quarrying – Southern Africa during 2003 and 2004. This membership can be reactivated.

Member of the Advisory Committee for the course in Environmental Management, Department of Environmental Engineering, Technikon Pretoria, Arcadia from 1998 to 2002.

Member of the IAIA from December 1998 to 2000. Membership can also be reactivated if required. Also a member and/or co-owner of Holistic Environmental Services CC, Shoni Eco Services CC, Applied Geography CC, Environmental Hydrological Solutions CC and Sensitive Line Environmental CC.

EXPERTISE

Environmental management in the mining, industrial and infrastructure sectors. Environmental Impact Assessments, Environmental Management Plans, EMPRs (mining sector). Environmental auditing.

EDUCATION

Professional Qualifications:

Degrees:

1994 - **BA Geography and Environmental Studies.** PU for CHE, Potchefstroom, RSA.

1996 **BA Hon Geography and Environmental Studies.** PU for CHE, Potchefstroom, RSA.

2001 **MA Geography and Environmental Studies** PU for CHE, Potchefstroom, RSA.

Certificates:

Course in Environmental Management. - September 1995 - PU for CHE, Potchefstroom, RSA.

Course in Environmental Law. - May 1996 - PU for CHE, Potchefstroom, RSA.

Course in Environmental Auditing. - May 1996 - PU for CHE, Potchefstroom, RSA.

Course in Environmental Management Systems (ISO14001). - November 1996 - PU for CHE, Potchefstroom, RSA.

EMPLOYMENT

2006 – Current : **PBA International (SA)** (South Africa)

1995 – 1996 : **Assistant environmentalist: Department of Minerals and Energy**
Evaluation of environmental management programme reports and impact assessments.

Monitoring and evaluating the environmental performance of mines.

1996 - 1998

Environmental: Kudu Granite Holdings Limited.

(Nova Explorations)

Establishing and upgrading an environmental management department for the group.

Management of environmental matters of concern to the company and its affiliates and strategic environmental management planning.

Environmental management reports as required in terms of the Minerals Act, 1991, impact assessments, physical rehabilitation, implementing of EMS and negotiating with interested and affected parties, including state departments and local authorities.

Running a nursery.

Managing the rehabilitation team including two operators and several workers.

Managing the gardening team.

Team solutions to practical environmental problems.

1998 - 1999

Lecturer: Technikon Pretoria SA.

(Department of Environmental Engineering)

Identification of new and unique business and training opportunities for the department.

Technical support to the department regarding business approaches, subject contents and training approach.

Lecturing in EMS, Environmental Economics, Environmental Resources, Environmental Management and subjects for the B-Tech Degree.

Development of new and unique seminars, short courses, workshops.

Implementation of an EMS for the Technikon, including the Waste Management and Monitoring.

Involvement in research projects for the department and industry.

1996- 2004

Environmental Consultant: Blue Swallow Consultants CC (Now Blue Swallow Environmental Services (Pty) Ltd) based in Pretoria, RSA.

2004 - 2005

Environmental Officer: ITM Mining Limited – Calonda Project - Angola

Responsible as a Head of Department for all matters concerning Health, Safety and Environment and reports directly to the Operations Director. Currently he is involved in the establishment of this department and of all structures and systems required to achieve this. Jacques has conducted several studies including needs assessments, viability studies and implementation plans that have been submitted for review and of which some have already been approved and implemented.

A number of projects has already been initiated i.e. a malaria monitoring and management programme that is already proving to be valuable to the company. Others include a nursery for producing vegetation for site rehabilitation and produce for the kitchen and a mosquito management programme.

The majority of the required safety equipment systems and installations at the mine, especially the processing, workshop and storage facilities, have also been completed as this was mostly non-existent.

Work on this project is extremely challenging in terms of available resources, material and equipment acquisition and mostly in terms of company culture and employee mindset changes.

2005

Environmental Project Manager: Strategic Environmental Focus (Pty) Ltd – Pretoria - RSA

Mainly responsible for managing the Mining section of the unit. This entails the project management of current mining environmental projects such as mine environmental impact assessments, mine environmental

management programmes, mine closure planning and rehabilitation cost calculations and general mine applications.

December 2005

Unit Manager–Mining & Industry: Strategic Environmental Focus (Pty) Ltd – Pretoria - RSA

Responsibilities included project management, unit management including day-to-day administration, budgeting, strategic planning, marketing and project allocation as well as monthly and annual reporting to the directors.

At this point Jacques is handling projects to the value of just over R2, 000,000.00.

LANGUAGE SKILLS

Language	Reading	Speaking	Writing
English	Excellent	Excellent	Excellent
Afrikaans	Excellent	Excellent	Excellent
Portuguese	Basic	Basic	Basic