

Alexis Basson

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1 Full Names: Alexis Basson

2 Personal Information:

ID Number: 681108 5284 085

Criminal Record: None. I have a Police Clearance Certificate for access to Restricted Areas.

3 University Qualifications :

3.1 Bachelor of Engineering - Mechanical (with distinction), University of Pretoria, 1990

3.2 Bachelor of Engineering (Honours Mechanical Engineering), University of Pretoria, 1992

4 Experience :

4.1 Assistant Mechanical Engineer in the Design and Development section, ALC, South African Air Force (1993-1994). Experience included project management, design, manufacturing, testing, writing of test specifications and failure investigation.

4.2 Mechanical Failure and Fire Consultant, GR Basson & Partners (1995-1996). Significant exposure to mechanical failure and fire investigation was gained, as I accompanied Mr G.R. Basson on at least 50 investigations and assisted in the report writing. During this time, I conducted approximately 25 fire investigations and about the same number in mechanical investigations independently. Expert evidence has been given in a civil court case during this time.

4.3 Structural Design Engineer at Composite Structures / Defence Aeronautics, CSIR (1997-1999). The work entailed structural and mechanical design, structural analysis, compilation of test specifications and processing of test results, investigation of industrial problems / failures, manufacturing using composites, use and development of related software.

4.4 Mechanical Failure and Fire Consultant, GR Basson & Partners (1999-2000). A continuation of exposure gained in 1995/6, with more emphasis on mechanical failures. I have conducted in excess of 100 fire and mechanical failure investigations during this period. This period also included the involvement of several civil court cases, related to both mechanical failures and fires.

4.5 Mechanical Failure and Fire Consultant, Advanced Forensic Services (2001-2003). The work entails investigation and determination of the cause of automotive, residential and industrial fires. I have conducted in excess of 100 investigations and reports of fire losses. Other work included thorough forensic investigation of mechanical failures, mainly in the

transport industry (automotive and marine), including industrial and mining related work. Some exposure to fire risk identification and prevention was also gained.

- 4.6 Sole proprietor of Alexis Basson Consulting (March 2002-present). Work is similar to work performed at GR Basson & Partners and Advanced Forensic Services, but with more emphasis on mechanical failure and fire investigation of industrial, automotive and mining fires. Work included numerous fire and failure investigations, expert testimony in civil and criminal Court cases.

5 Training:

- 5.1 I attended various courses presented by the IAAI related to fire investigation. Continued online training on CFITrainer.net.
- 5.2 I continuously add to my comprehensive library of specialist documentation related to fire investigation, fire- engineering, safety and prevention, including various codes and safety standards.

6 Affiliations:

National Fire Protection Association (NFPA), International – Member
 Fire Protection Association (FPA), South Africa – Member
 International Association of Arson Investigators – Member
 International Association of Arson Investigators, SA Chapter – Director

7 Referees:

Mr. Charles de Meillon, Branch Manager, GAB Robins	☎ +27 82 829 3317 ☎ +27 21 595 1530	charles.demeillon@gabrobins.co.za
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