

MARTIN WILLIAMSON B.Sc.(Mech.)Eng. CMRP MLA MLT

WORK EXPERIENCE PROFILE

- Reliability Engineering
- Lubrication consulting and training
- Industrial plant lubrication programme/scheduling design
- Lubrication "best practice" procedure development
- Contamination control design and practice
- Oil analysis and contamination monitoring
- Flushing and roll-cleanliness practices
- ISO Standards development
- Product technical support and management
- Condition monitoring programme management

Industry Knowledge & Commercial Awareness:

- Automotive
- Power generation industry
- Steel manufacturing
- Drilling & Mining
- Off-shore & land-based oil fields
- Foil and plating lines
- Mobile equipment
- Pulp & Paper
- Water Utilities
- Food & Beverage, inc. oil seeds, starches and sweeteners, and corn milling etc

Qualifications:

1989 – B.Sc.(Mech.)Eng. – University of Cape Town

1993 – Pr.Eng. (Professional Status) - Engineering Council of South Africa

2004 – CMRP (Certified Maintenance & Reliability Professional) – SMRP (Society of Maintenance & Reliability Professionals)

2005 – MLA1 (Machinery Lubricant Analyst) – ICML (International Council for Machinery Lubrication)

2005 – MLT1 (Machinery Lubricant Technician) – ICML (International Council for Machinery Lubrication)

2007 – BOSIET/HUET for off-shore work.

EMPLOYMENT HISTORY:

August 2005 - present:

Director, KEW Engineering Limited, Chester, UK,.

Set up as my own company to sub-contract to Noria Corp and others offering consulting and training in Reliability and Maintenance Best Practices. Other services include business development support in the areas of marketing and public speaking.

Jan 2001 – July 2005:

General Manager, Noria UK Limited, Chester, UK, a subsidiary of Noria Corporation, Tulsa, Oklahoma. Internationally renowned oil analysis and lubrication consulting and training corporation.

Job Description:

- To manage the daily operation and growth of the Noria UK operation.
- To provide a senior technical consulting and training role.

Major achievements:

- Assisting in the growth strategy of Noria globally.
- Building the brand awareness of Noria within the UK and other territories.
- Creating a growing awareness of lubrication issues in Maintenance in the industry.
- Assisting with development of training materials for Noria's training courses.
- Assisting with development of dynamic procedure-based lubrication practices and scheduling.
- Writing of technical articles for Noria's publications and other industry journals.
- Presentation of papers at various international conferences.
- Working on consultation and training projects with blue chip clients such as:
 - Shell
 - Cargill/Cerestar
 - Thames Water
 - The Environment Agency
 - BP
 - ITS Caleb Brett
 - Goodyear
 - Qatar Gas/RAS Gas
 - Canadian Nexen (Yemen)
 - Wearthcheck North Wales
 - Finnings Laboratories
 - Dow Corning Molykote

Other Activities:

- External roles include involvement in two ISO working groups in oil analysis and lubrication, and previously acting as an Advisor with the British Institute of Non Destructive Testing (BINDT).
- Assisting with the growth of the International Council for Machinery Lubrication within the European arena including assisting on seeking corporate sponsorship.

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June 1998 – December 2000:

Product Manager – Oil Analysis, Rockwell Automation Entek, Chester, UK.

Condition Monitoring business involved in software and hardware.

Job Description:

- To provide product management on the oil analysis division.
- To support on sales and client training activities.

Major achievements:

- Being invited to present papers on oil analysis and its future at premiere conferences.
- Having papers published in several leading journals and magazines.
- Being invited to stand on the UK ISO committee for oil analysis.
- Regular presentation of oil analysis and lubrication classes internationally including the Middle East, India and the US.

Nov 1994 - May 1998:

Senior Technical Support Engineer, Pall Europe Limited, Portsmouth, UK.

International manufacturer of filtration and separation products.

Job Description:

To provide a product specialist role in the Technical Support.

Major achievements:

- Managing improvement and development of the monitoring products.
- Presenting product and technology training classes in India, China, Japan and the USA.

Jan 1990 - Feb 1994:

Mechanical Engineer, Sishen Iron Ore Mine, ISCOR Ltd. South Africa.

Open cast mine – 3rd largest in the world.

Main job functions:

- Provide a mechanical consultation role to the production staff.
- Project management including initiation and planning through to commissioning.
- Perform feasibility studies on new engineering concepts.

Major Achievements:

- Management of a predictive maintenance programme utilising vibration and oil analysis to extend the unit life of the mining equipment. This further included introducing a Tribology programme to audit the life of components subjected to extremes of wear.
- Upgrading and modifications to conveyors, pump units, feeders, and crushers to improve performance and reduce plant downtime.
- Upgrading and modifications to the mine's water reticulation network to improve the de-watering rate in the pit areas and distribution to the local communities.

Contact:

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