

Mr Alisdair Jason Sanderson

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Profile

I am a focused, very intuitive, mechanically biased maintenance technician with a proven track record of achievement. I am highly motivated to achieve both personal and corporate goals using skills gained in previous jobs and training, and I always strive to complete the work I do to the highest of standards, whilst maintaining that safety and efficiency are top priorities.

Key Achievements

- Successfully lead and completed numerous jobs rebuilding and repairing various key machines within BEL Valves, enabling company production goals to be achieved on time and to the highest of quality.
- Actively involved in the planning and execution of projects within the company relating to the installation of new machinery.
- Undertook and passed various training courses.

Career History

Oct 2016 – Present	BIW Maintenance Technician Bentley Motors LTD
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Working in the body shop I am responsible for both planned and reactive maintenance on large scale plant equipment including cells with multiple Comau robots used for welding, riveting, and hemming, ventilation/extraction systems, hydraulic lifting tables, MIG/TIG/Stud welding equipment and hand tooling, as well as producing critical analysis reports using 5Y/Kaisen methods to aid future breakdowns and keep downtime to a minimum.

My day to day role also includes the monitoring and scheduling of planned maintenance for a wax injection facility with overhead conveyor systems, high temperature ovens, overhead tilt and lift station, and a boiler plant. I am also the union appointed health and safety representative for my department and this role requires me to submit accident/near miss reports, as well as conduct incident investigations and monthly departmental safety audits.

Jan 2015 – Sept 2016

**Maintenance Technician
CAV Aerospace LTD.**

During my time as a maintenance technician (mechanical bias) for an industry leader manufacturing precision aerospace components for clients such as Airbus, Gulfstream, Embraer and Ruag, my job required that I work a continental shift pattern. Mostly with another technician but at times I was working on shift alone. During my shift I was responsible for ten long bed multi-spindle milling machines, compactors, vacuum clamping systems and chemical treatment plants, among various other plant equipment, and always ensured that any repair work was carried out efficiently and to the highest standard. The use of CMMS systems was also a large part of my work on a daily basis, as well as issuing work permits, risk assessments and writing detailed shift reports for hand-overs.

Sept 2013 – Dec 2014

**Millwright
BEL Valves LTD.**

My role as a millwright requires on a daily basis that i am able to understand and interpret detailed engineering drawings, be able to operate and have a good knowledge and understanding of a range of CNC machines including Mazak, Mori Seiki, G&L, Okuma, Kearns Richards, Walter, Studer, Correa, Omba and ABB Robotic Arms, with various different operating systems (FANUC, Siemens, Mazatrol, Seiki Systems), use machine and hand fitting techniques to manufacture and repair machine parts, as well as improve upon the skills learned in my time as an apprentice. I also spent one month working in the clean room at BEL Valves building various size gate valves (hand and ROV operated and small HIPPS valves)

June 2010 – Sept 2013

**Apprentice Millwright
BEL Valves LTD.**

My role within the company is to repair large scale CNC machinery, undertaking both mechanical and electrical repair. This included helping others in the re-alignment of machine axis, repairing of and/or replacement of worn/damaged parts, installation of new parts and implementing techniques to improve machine safety and productivity. Also I have improved greatly upon the skills obtained during my time as an apprentice at Rolls-Royce, enabling me to work by myself to a very high standard of quality.

Sept 2009 – Jun 2010

**Apprenticeship.
Rolls-Royce North East Training Centre.**

I attended the Rolls-Royce NETC as an apprentice to learn the skills necessary to help me get a job in the industry. I studied at college and achieved a level 3 NVQ in Engineering, as well as obtaining PEO's and UPK's to go with my apprenticeship program. I also received certificates for the following skills;

- Turning
- Milling
- Bench Fitting
- TIG Welding
- MMA Welding
- Sheet Metal Fabrication
- CNC Programming (FANUC systems)
- CNC Operating
- Electrical Wiring and Fault Finding

Qualifications

Semta Advanced Level Apprenticeship in Engineering

NVQ Level 2 Performing Engineering Operations (PEO Engineering Practices)

IPAF Operator Training Certificate for Mobile Vertical (3a) and Mobile Boom (3b) Mobile Elevated Work Platforms.

Level 2 Intermediate Hydraulic Systems

FANUC Maintenance Diagnostics and Operations

Level 4 NVQ Multi-Skill Engineering (HNC)

Renishaw QC20 Data Capture and Analysis Training

Mazak Integrex 200/300/400 MK IV Maintenance Training

Asbestos Awareness Training

Health and Safety Rep Level 1 Training