



Ben Thomas

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PERSONAL PROFILE

- Qualified engineer with high degree of practical skills
- Effective communicator at all levels with excellent interpersonal skills.
- Ability to work well on own initiative
- Positive team player
- Computer literate
- Willing to learn and update skills in any area required
- Keen to pursue a new opportunity with commitment and enthusiasm

EMPLOYMENT HISTORY

October 2010 – Present
Position:

Ben Thomas Ltd – contracted to Linde HTD
Contract Design Engineer

- Design and development of Fork Lift Truck from 18 to 32 tonne lift capacity (1402)
- Concept design/feasibility studies for new truck development
- Engine and driveline specification (transmission, axles, prop-shafts etc.) including ensuring compatibility and connections between components
- Design of sheet steel panels, castings, fabrications and machined components
- Cooling system design and specification
- Design of jigs and fixtures for testing components including masts and lift booms
- All designs carried out using Unigraphics NX5 and verified using in-built Advanced Simulation Analysis. Control of documentation using Lipec10.
- Creation of Bills of Materials, Engineering Change Notes, etc... using SAP/R3

February 2009 – October 2010
Position:

Aircraft Maintenance Support Systems Ltd
Design/Development Engineer

- New design and development of products for the Aircraft Ground Support Industry including Passenger Stairs, Conveyor Belt Loaders, Toilet Trucks for emptying effluent from Aircraft and replenishing Flush water systems, Potable Water Trucks for replenishing Drinking water supplies on aircraft. All designed to fit on bespoke or proprietary chassis'. Also design of staging for maintenance of aircraft at BAE bases
- All designs carried out using Solid Edge V19/ST2
- Creation of Bills of Materials using Microsoft Excel
- Project Management of individual projects from cradle to grave
- Specification, sourcing and procurement of all relevant components
- All products manufactured in line with strict International Air Travel Association (IATA) regulations, as well as the company's ISO 9001 accreditation

January 2006 – February 2009
Position:

Wacker Neuson (Rhymney) Ltd
Design Engineer

- New design and development of Site dumpers for the Construction Industry
- Creation of Bills of Materials within SAP/R3
- Maintenance and updating of current machine range
- All design work carried out utilising UG NX3 and subsequently NX5 with an additional SAP/PLM system.
- Controlling of workload for other engineers
- Liaising with all departments including Purchasing, Sales, Production, Process Engineering and Quality

August 1999 – December 2005
Position:

Philmor Rail Ltd
Senior Design Engineer

- Promoted from Project Engineer to current post in April 2002
- Involved in design, development and control of projects
- Liaising with Engineering Manager on project progress
- Dealing with drafting and design queries from other Engineers and Production staff
- Checking of drawings and Bills of Materials
- Risk assessments on all company designs and Display Screen equipment
- Dealing with specifications and requirements of safety systems (SLI/RCI)
- Sourcing and procurement of components and raw materials for projects
- Finite Element Analysis of critical parts and assemblies using COSMOS/DesignStar software
- Use of Solid Edge 3D modelling and AutoCAD 2D drafting software
- Ensuring all manufactured vehicles have relevant approvals prior to despatch
- Statutory Inspections of hydraulic excavators i.e. LOLER

EDUCATION AND QUALIFICATIONS

2010	Solid Edge ST2 Training	
2008	DFMEA Introduction	
2006	Unigraphics NX3 Intermediate	
2001-2003	Merthyr Tydfil College	HNC Advanced Manufacturing Engineering
2005	Microsoft Project Introduction	
2002	Solid Edge Advanced Course	
2001	T2 Skills - Work Based	NVQ Level 3 Business Administration
1994 - 1996	Merthyr Tydfil College	BTEC National Certificate Engineering
1993 - 1994	Merthyr Tydfil College	NVQ Level 2 Engineering Foundation
1988 - 1993	Afon Taf High School	9 GCSE's

OTHER INFORMATION

Date of Birth: 26 July 1977
Marital Status: Married with two children
Health: Excellent, no serious illnesses or injuries.

I enjoy listening to music, reading, and have an avid interest in motorbikes. I spend a lot of time keeping fit and mountain biking. I hold a full clean car driving licence with motorcycle entitlement. I have my own car.