

CURRICULUM VITAE

PERSONAL DETAILS

Name : David Michael Jackson
Occupation : Consulting Forensic Engineer

ACADEMIC QUALIFICATIONS

Royal School of Military Engineering, Chatham, Kent
City & Guilds Certificate in Workshop Technology, 1985

University of Nottingham

Masters Degree in Mechanical Engineering (2.1 Hons), 1988
Syllabus - all aspects of mechanical engineering science - options taken included ergonomics, electrical theory, acoustics/noise analysis, and vibration analysis.

Welding Institute, Cambridge

Diploma Course in Welding Technology, 1992

Leeds University

Fire and Explosion Investigation course, 2012

PROFESSIONAL QUALIFICATIONS

Chartered Engineer
Member of The Institution of Mechanical Engineers
Associate Member of The Welding Institute
Member of The Welding and Joining Society
Registered as an Expert Witness with *The Law Society, The Association of Personal Injury Lawyers* and *The UK Register of Expert Witnesses*

CURRENT EMPLOYMENT

Employer : Strange Strange & Gardner
Business : Independent firm of Consulting Forensic Engineers
Position : Partner
Dates : April 1995 - present

This firm is principally involved in safety matters where litigation is or maybe involved, providing professional expert opinion by way of comprehensive reports and if necessary at Court. The firm is consulted mainly by Insurance Companies, Solicitors and Loss Adjusters, mostly where an incident has caused death, personal injury or disease, and occasionally where fire or damage has occurred to plant and machinery.

Each investigation normally involves an inspection of the equipment and site concerned, followed by preparation of a comprehensive report supported by photographs, drawings and calculations. The report considers the implications of any relevant Statute and published authoritative literature, including Health & Safety Executive and British Standard documentation.

I joined the firm as an engineer and became a partner in 2006. To date I have conducted more than 1800 technical investigations in a wide variety of industries and workplaces (see the non-exhaustive list overleaf). I have given evidence at numerous Civil and Criminal Court Hearings and have acted as technical consultant in several fatal accident investigations, being involved at an early stage with the Police, Health and Safety Executive and Environmental Health Officers.

Examples of matters investigated;

Manual handling accidents and upper limb disorders
Occupational Health matters such as noise induced hearing loss, vibration exposure, asbestos exposure
Plant and machinery design & performance disputes
Industrial workmanship disputes
Factory machinery accidents of all kinds
Accidents involving mobile plant such as cranes, excavators, fork lift trucks etc
Road Traffic Accidents
Accidents involving plant and machinery used in agriculture and forestry including quad bikes
Sports, Leisure and Play accidents
Healthcare accidents including those arising from patient handling and use of mobility aids.
Slips, trips and falls
Consumer product defects and failures
Electric shock incidents arising from product and wiring defects
Collapse of ladders, scaffolds, structures etc
Fires and explosions involving vehicles and domestic and industrial premises

Historically my instructions have been approximately 50% Claimant, 25% Defendant and 25% Single Joint Expert. Most current instructions are on a joint basis.

PREVIOUS EMPLOYMENT

Employer : Lansing Linde Ltd, Kingsclere Road, Basingstoke
Business : Design & Manufacture of Fork Lift Trucks
Position : Senior Production Engineer / Company Welding Engineer
Dates : 1993 - 1995

My work initially involved managing the relocation of the Fabrication Cell to a new factory and successful commissioning of all new capital equipment. I then became responsible for ongoing process improvement and production support in the Cell. In addition, I was Company Welding Engineer, and had overall technical responsibility for all on-site and sub-contract welding operations. This role encompassed weld process specification and development, weld and welder approvals, provision of technical advice to designers, and analysis of failures of components under test and in service.

Employer : Bath University / Lansing Linde Ltd, Basingstoke
Business : Design & Manufacture of Lift Trucks
Position : Associate upon DTI Teaching Company Scheme joint venture
Dates : 1990 - 1992

I was part of a team developing a £40m integrated manufacturing facility for Fork Lift Trucks. This involved computer simulation work for capacity planning, developing layout plans, specification and purchase of new machinery including machine tools, presses and a robot welding system, and planning the relocation of production into the new facility.

Employer : Mecerlec Developments, Llanthony Road, Gloucester
Business : Design & Manufacture of Special Purpose Machinery
Position : Engineering Co-ordinator
Dates : 1988 - 1989

I was responsible for the engineering and project management of multi-disciplinary new machinery projects from design concept through to final commissioning. Tasks undertaken included machine specification development in conjunction with Clients, conceptual design, supervision of detail design, installation and commissioning.