

# 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 2200 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 and vibration exposure  
Exposure to harmful chemicals and gases including Carbon Monoxide  
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  
Falls from height from collapse of ladders, scaffolds, structures, fragile roofing materials etc  
Fires and explosions involving domestic and industrial premises and vehicles

Over the last 10 years, approximately 40% of my instructions have originated from Claimants' representatives, 20% from the Defendants' representatives and 40% have been joint instructions. 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.