

Curriculum Vitae

Name:- David Esmond Smith.
Qualifications:- BSc Mechanical Engineering.
Post-Graduate Certificate in Industrial Administration.
Associate Member of the Institution of Mechanical Engineers.
Fellow of the Expert Witness Institute.

Employment History:-

- 1970-1977 Alvis Limited, Coventry - Armoured Vehicle Manufacturers.
Completed Technician Apprenticeship. Trained in the safe operation of all types of machine tools, production planning/control, design, purchasing, metallurgical analysis. Seconded to Self Changing Gears Limited - Gearbox manufacturers. Trained in the design, manufacture and failure analysis of gearboxes.
- 1972-1977 BSc Degree in Mechanical Engineering at Lanchester Polytechnic, Coventry.
- 1977-1979 Coventry Climax Limited, Coventry - Forklift Truck Manufacturers.
Design, development, manufacture and test of forklift trucks and the operating systems thereof, such as hydraulic transmission systems, steering dynamics, stability, controls and driver interaction.
Trained in the safe operation of forklift trucks.
- 1979-1980 Rolls Royce Limited, Coventry - Jet Turbine Engine Manufacturers.
Senior Stress Engineer dealing with product development/design, vibration/fatigue lifing of components and failure analysis. Worked on current and prototype jet engines, liaising with military and civil operators.
- 1980 - present Strange, Strange & Gardner - Consulting Forensic Engineers.

Trained in the investigation and reporting upon accidents involving personal injury, occupational health, safety & welfare within the industrial and commercial sectors; machinery disputes and transport/road traffic accident analysis. Trained in the role of an Expert Witness, the duties owed to the Court and in giving professional testimony in Court. Became a Partner in Strange, Strange & Gardner in 1992 and Senior Partner in 2003. Regularly deal with matters within the Civil and Criminal Courts - such as prosecutions by Health & Safety Executive – and have attended Court and given evidence on many occasions.

Attached is a sheet listing various general subject headings of topics with which, over the years, I have dealt, in many instances I having attended Court and given evidence. The headings in bold type are areas where I have developed particular specialist knowledge/expertise.

Historically, my instructions (and those at other Strange, Strange & Gardner offices) have been divided about equally between Claimant and Defendant, the instructions originating from insurance companies and solicitors, together with local and national Government departments. Since the introduction of the Civil Procedure Rules, a large proportion of the instructions received have been on the basis of my appointment as the single expert jointly instructed by all the parties involved. Indeed, over the last two years, of all instructions received some 98% have been on the basis of my being the single joint expert.

Amusement Parks/Rides	Health and Safety	Printing Machinery
Asthma	Highway Engineering	Product Engineering
Automatic Assembly Machinery	Heating/plumbing	Product Liability
Access – safe means of	Heavy Commercial Vehicles	Professional Negligence
	Heavy Lifting/Handling Equipment	Pumps
Beat Knee	Heavy Vehicle Manufacture	
Bicycles	Hydraulics	
Boilers	Hearing	
Builders Hoists/Lifts	Hand-Arm Vibration	Quarrying
Bus and Coach Building		
Civil Engineering	Industrial Diseases	Road/Traffic Accidents
Carbon Monoxide Poisoning	Insulation	Road Plans
Carpal tunnel syndrome	Instruments, Precision	Repetitive Strain Injury (RSI)
		Respiratory Diseases
Coatings (Metal)		Risk Assessment
Cars	Ladders	Roads and Highways
Centrifugal Extractors	Lighting	Roofing
Confined spaces	Lifts	
Construction Plant/Site Practice	Leisure Industry	
Component Handling	Lifting Equipment	Schools
Cranes		Seats/Seating
	Machine Tools	Scaffolding
Doors (Automatic, manual and closers)	Machine Shop Practice	Slipping
Dermatitis	Manual Handling	Sport
Defective Equipment Plant/Machinery	Mechanical Engineering	Stair/Steps Slipping Accidents
Diseases, Industrial	Metal Coatings/Stress	Swimming Pools
Deafness (Noise Induced)	Materials Handling	
Dust/Fume Extraction	Mechanical Failure/Fracture	Tenosynovitis
	Mechanical Handling Equipment	Textile Machinery
Engines, petrol and diesel	Motorcycles	Tiled Floors
Explosions	Motor Vehicles	Tool Room Work
Electrical/Electrocution		Training
Escalators	Nursery Equipment	Transport

Factory Safety	Nautical Engineering	Tripping
Fairgrounds	Noise (Industrial/Vehicle)	Tyres/Tyre Manufacturing
Falls	Occupational Health/Injury	
Floor Covering Machinery	Overhead Cables/Distribution	Upper Limb Disorders
Floor Coverings/Surfaces	Office Safety	
Flour/Feed Milling		Vacuum Applied Coatings/ Work
Fires	Photography	Ventilation (Heating Appliances)
Fork Lift Trucks	Pavements Trips/Slips	Vibration (VWF, HAVS)
Foundry Work	Packaging Machinery	Vehicles
Fracture Mechanics	Papermaking Machinery	Vehicle loads – safety
Fume Extraction	Power Station Practice	
Fabrication Steel	Passenger Vehicle Manufacture	Welding
	Personal Protective Equipment	Woodworking machinery
	Plumbing	Woodworking safe practice
	Playgrounds	Work Station Design
		Work at Height
Glass/Glazing		
Gas Turbines and Plant		