

PROFESSIONAL RESUME OF ROBERT M. WILSON, MIIE

I. General Information

Compendium:

Senior Technical Consultant

Specializing in vehicle engine, transmission, brake, steering, suspension, engine control and passenger restraint system examination and analysis; maintenance procedures analysis; Regulatory requirements for documenting safe maintenance of trucks, regulatory requirements and safe loading of trucks; analysis and determination of causes of trucks overturning; Vehicular accident reconstruction of accidents involving pedestrians, bicycles, motorcycles, car and commercial vehicles; particular experience with heavy trucks; performance testing of vehicles; computer simulation of vehicle handling and collisions. Investigation of construction equipment accidents involving mobile and tower cranes, hydraulic excavators and mobile equipment, forklifts and other materials handling machinery to determine causes of accidents, failures and losses. Origin and cause of fires in vehicles and mobile equipment.

Mr. Wilson has provided expert testimony in a court of law.

II. Professional Summary

Education:

Bachelor of Science
Mechanical Engineering
Glasgow University
Glasgow, Scotland
May 1967

Additional Courses:

Mechanics of Heavy Duty Trucks and Truck Combinations, University of Michigan, July 9-13, 1990

Traffic Accident Reconstruction, The Traffic Institute, Northwestern University, June 5-16, 1989

Experience:

Consultant Mechanical Engineer, 1991-present

Senior Mechanical Engineer, Forensic Technologies Corporation, Annapolis, Maryland, 1986-1991

President, DJB Sales, Inc., Jessup, Maryland, 1985-1986

Oversight of daily company operations involving the maintenance schedules and servicing of heavy dump trucks.

Product Support Manager, DJB Sales, Inc., Jessup, Maryland, 1979-1985

Responsible for establishing and operating the Product Support Function of DJB Engineering, a manufacturer of heavy dump trucks, in North America. This function provided technical, field service and replacement part support to the company's dealers. The operation involved coordinating a team of experts to troubleshoot and solve equipment problems; operator and dealer mechanic training; operation of warehouse to maintain economical and ready availability of replacement parts.

Parts Manager, DJB Engineering Ltd., Peterlee, England, 1978-1979

Responsible for successful operation of a replacement parts facility supplying dealers worldwide.

Technical Service Supervisor, DJB Engineering Ltd., Peterlee, England, 1977-1978

Established technical service department to provide technical support to dealers and field service. Set up technical publications department, warranty claims processing, failure reporting and analysis. Wrote initial service manuals.

Export Service Executive, Coles Cranes, Sunderland, England, 1975-1977

A manufacturer of mobile cranes and excavators. Western European Service Representative for Coles and Priestman products.

Service Executive, Coles Cranes, Sunderland, England, 1970-1977

Technical Service and Supervisor and Warranty Analyst for Priestman products.

Graduate Apprentice, Babcock and Wilcox, Renfrew, Scotland

III. Professional Societies

Member Institution of Incorporated Engineers (MIIE)

Society of Automotive Engineers (SAE)