

Curriculum Vitae for Prof. JOHN POWELL
Ph.D., D.Sc., D.I.C., F.I.M.M.M., F.Inst.P., C.Eng., C.Phys..

Expert Witness Experience:

Over 30 years' experience producing expert witness reports on a wide range of technical and engineering issues (UK register of Expert Witnesses). Single Joint and party appointed witness reports, and general pre-action reports etc. All reports produced in accordance with CPR part 35 rules.

Academic Qualifications:

1979: B.Sc. (Hons) Engineering Materials Technology - Aston University
1980: M.Sc. Welding Technology & Management - Aston University
1983: Ph.D. Laser Materials Processing - Imperial College, London University
1983: D.I.C Diploma of Imperial College
1990: D.Sc. Laser Materials Processing - Lulea University, Sweden

Professional Qualifications

1990: Chartered Physicist (C.Phys.)
1992: Chartered Engineer (C.Eng)
1999: Fellow of the Institute of Materials (F.I.M.M.M.)
2006: Fellow of the Institute of Physics (F.Inst.P.)

Employment:

1982-84: Post Doctoral Research - Loughborough University
1984-2025: Technical Director - Laser Expertise Ltd, Nottingham, UK
1990-2021: Visiting Professor - University of Lulea, Sweden
2000-present Visiting Professor - University of Nottingham. Dept. Manf. Eng.
2019-present Director – Engineering Witness Ltd
2023-present Visiting Professor: Stuttgart University, ICM.

Other Posts Held:

Founder member: Association of Industrial Laser Users

Publications: More than 180 technical and scientific papers on the following subjects:

Production engineering
Welding and design
Metal fatigue
Laser cutting, welding and surface treatment
Fume filtration
Laser Safety
Abrasive Water Jet Cutting

Books:

CO₂ Laser Cutting published by Springer Verlag 1993
ISBN 3-540-19786-9. (Second Edition 1998. ISBN 1-85233-047-3)
The LIA Guide to High Power Laser Cutting
pub; Laser Institute of America 2017 ISBN 978-1-940168-11-1

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