



**Eastham
Engineering**

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John is a Chartered Engineer with over 40 years of experience in the turbine maintenance business with a particular emphasis on gas turbine component repair. He has followed the development and technology of the industrial gas turbine repair business since its origins in the 1970's in both engineering and senior management roles. He has been instrumental in the setup of successful repair facilities in The Netherlands, Russia, USA, UK, Thailand and Malaysia.

Employment History.

2011 to Present: Consulting Engineer Eastham Engineering Consultancy Pty Ltd

Technical loss adjusting services to the power industry insurance market.

2000 to Present: GT Roc Ltd

Own company providing expert services to operators, manufacturers, suppliers, insurance companies, service providers etc. in the turbine business. GT repair technology transfer, 3rd Part Inspection Services, Business Plans, Repair evaluation and specification, Market analysis, Vendor audits.

2000 to 2007: SapuraCrest Petroleum Bhd (Malaysia).

Technical Consultant for the set up and operation of a green field gas turbine repair facility.

1998 to 1999 Wood Group Gas Turbines Ltd (Aberdeen, Scotland)

Group Technical Director

1995-1998: Wood Group Heavy Industrial Gas Turbines (Scotland, USA, Switzerland & Thailand.)

Managing Director Dundee facilities then Divisional Managing Director for the heavy industrial gas turbine companies group.

1990 to 1995: Rolls Wood Group (Repair and Overhauls) Ltd (Aberdeen Scotland)

Operations Manager and then Repair Division Manager for RR Avon, Olympus & RB211 maintenance.

1986 to 1990 Prime Mover Component Repair Ltd (Aberdeen, Scotland)

JV Technical Representative then General Manager. Project managed the start-up including design, procurement and commissioning the new factory.

1976-1986 Elbar bv (The Netherlands and USA)

Engineering and Production Manager. Industrial Gas Turbine Repair.

1969-1976 Rolls Royce (UK)

University Apprentice and Quality Engineer.

Qualifications

Chartered Engineer (CEng), Institute of Mechanical Engineers of the United Kingdom (1990).

Fellow of the Institute of Mechanical Engineers of the United Kingdom (1990)

Bachelor of Science (BSc) in Mechanical Engineering, University Manchester Institute of Science and Technology (UMIST) (1972).

Summary of insurance failure investigations John has been involved with:

Gas Turbines

- Alstom 13E1 Combustor Failure, Indonesia
- Alstom 13E1 Combustor Failure, Indonesia
- Alstom 13E1 turbine failure, Malaysia
- Alstom 13E2 Turbine Failure, Malaysia
- Alstom 13E2 Compressor failure, Malaysia
- Alstom 13E2 Turbine damage, Malaysia
- Alstom13E2 Turbine damage, Malaysia
- ABB13DM turbine failure, Malaysia
- GE LM6000, Myanmar
- GE 6B Compressor failure, Thailand
- GE 6FA coupling failure, Pakistan
- GE 9FA Compressor Failure, Malaysia
- GE9FA Disc failure, Thailand
- GE9FA Compressor failure, China
- GE 9E Turbine failure Pakistan
- MHI 501G Turbine Failure, Korea
- Rolls Royce RB211 Skid Fire, Indonesia
- Siemens V94.2 Turbine failure, Bangladesh
- Siemens V94.2 Combustor failure, Indonesia
- Siemens SGT 600 compressor failure, Malaysia
- Siemens SGT 600 compressor failure, Malaysia
- Siemens SGT 600 compressor failure, Malaysia
- Siemens SGT5-8000H Compressor failure, Malaysia
- Siemens SGT5-8000H Compressor failure, Malaysia
- Siemens SGT5-8000H Turbine failure, Malaysia
- W701D Turbine failure, Indonesia
- W701D Turbine failure, Indonesia

Steam Turbines

- Alstom 54MW waste to energy overspeed, Thailand
- Chang Jian Energy 50MW lubrication failure Indonesia
- Doosan 540MW steam turbine, Vietnam
- GE9H steam turbine failure, Malaysia
- GE 500MW bearing failure, Malaysia
- MHPS 150MW steam turbine, Indonesia
- MHPS 150MW steam turbine failure, Indonesia
- Nanjing 30MW steam turbine lubrication failure, Indonesia
- MHI 37MW turbine failure, Indonesia
- Toshiba Supercritical Steam Turbine diaphragm dishing

Geothermal Steam Turbines

- MHI 55MW steam turbine failure, Philippines
- MHI 30MW overspeed failure, Indonesia

Hydro Turbines

- Nanjing 50MW generator failure, Nepal

Other Rotating Equipment

- MAN Turbo Expander, Thailand
- GE 9E Generator failure, Malaysia

Diesel Gen Sets

- Sulzer 11MW gas engine, Philippines