

NEIL CROOKES

Please Contact through LinkedIn

LinkedIn: <https://www.linkedin.com/in/neil-crookes>

Profile

I am a versatile and enthusiastic individual; with a broad knowledge base born from a lifelong interest in science, technology and engineering, with the ability to adapt quickly and successfully to new challenges.

I have a strong analytical mind when faced with a problem or a project specification and I am able to communicate well with people at all levels.

I am willing to travel and am able to work sympathetically with different cultures around the world as demonstrated through collaboration on joint overseas projects in the Far East and Africa and through my testing work around many parts of Europe and the US.

Key Capabilities

- ✓ Automotive and Engineering Background
- ✓ Automotive proving ground experience
- ✓ Analytical and Problem Solving Skill
- ✓ Personable and good communicator
- ✓ Test methodology, recording, calibration and uncertainty budgets in ISO17025 environment
- ✓ IT literate

Career History to date

2021-present Systems Engineer

Intelligent Video Ltd, Royal Leamington Spa

- Build the electronic base systems for specialist off-grid CCTV security systems.
- Install and commission systems to customers telescopic towers supplied by an associate company.
- Provide customer support for the physical systems and online support for the companies CCTV tower management portal.

2020-2021 Truck Tyre Design

Qingdao Sentury Tire, Thailand

- Assisted the start of the design process of HGV product for a new venture in Thailand; Covid unfortunately stopped any travel so worked from home on mould design and tyre construction using CAD systems. Liaised with my design manager daily online.

2013-2020 Testing Services Manager

Cooper Tire Europe, Wiltshire

- Maintain and develop ISO 17025 and ISO 9001 accreditation for a rig based testing operation through annual UKAS audits and extensions to scope; also achieved a successful transition from ISO17025:2005 to 2017 edition.
- Managing a team of 10 staff, split equally between on vehicle testing and rig testing; the department provides a service for our technical engineers as part of ongoing product development.
- Maintain departmental documents, procedures and EU regulatory testing documents.
- Forecasting, controlling and reporting the annual testing budget of around £550k
- Organising all UK and overseas testing operations and building working relationships with external testing facilities, these are predominantly MIRA in the UK, European testing at Idiada (Industry PG, Spain), Arctic Falls (Winter PG, Sweden), Test World (Winter PG, Finland) and Lommel (Ford PG, Belgium)
- Test Lead of NVH work (on and off vehicle), with detailed tyre noise measurement and analysis of in cabin noise on roads and tyre generated noise in semi-anechoic chamber.
- High Speed Videography of recordable tyre performance characteristics
- Identify potential gaps in testing capability as new requirements evolve through changes in technology or legislation and devise appropriate solutions to meet those requirements in a timely manner.
- Providing key testing metrics to local and global management teams.
- Promote a culture of continuous improvement to both indoor and outdoor testing operations

- Member of the various European and ISO working groups providing essential support in the fields of tyre noise, rolling resistance, winter testing and run flat technology to European and global legislation programs.

Previous Roles in Brief

Product Development

Avon Tyres / Cooper Tire Europe, Wiltshire

- Tyre design and development and testing for Truck, Motorcycle, Car and Van product, using CAD and in-house development tools.
- Member of design/test teams on outsourced overseas product development and testing in collaboration with Egyptian and Malaysian tyre companies

Manufacturing Systems Analyst Programmer

Avon Tyres / Cooper Tire Europe, Wiltshire

- Responsible for maintaining current, and writing new manufacturing based systems operating on an Alpha server running OpenVMS.
- ASP Intranet development, providing real-time browser based reporting of manufacturing system output
- Provide IT support for factory operations.
- Provide user training. With a wide diversity in computer ability amongst the company's employees who range from shop floor to management meant special training considerations were often necessary.

Electronic Engineering

Ministry of Defence, Wiltshire

- First 4 years apprenticeship starting with workshop mechanical engineering, progressing to electrical and electronic engineering.
- Sponsored undergraduate incorporating summer vocational training at Naval establishments and Rutherford Appleton Laboratory

Qualifications

University of Warwick

- BSc (Hons) Computer Systems Engineering

Bath Technical College / MoD Technician Apprentice Training Centre RNSD Copenacre, Corsham

- A level Maths
- ONC Electrical Engineering
- HND Electrical and Electronic Engineering

Ralph Allen School, Bath

- 6 O'levels (Maths, English, Chemistry, Physics, Technical Drawing, Computer Studies).
- 1 AO'level (Maths)

Hobbies and Interests

- ❖ Family man and father of two children.
- ❖ Photography & Videography, both ground and drone
- ❖ Fitness and wellbeing
- ❖ Weather; a fascination of the physics, its effect on the world we live in and its outstanding beauty.
- ❖ Maps and local history.
- ❖ Motorcycles and cars – all aspects