

PERSONAL DETAILS

Name	Mr Richard Burnard	Date of Birth	1 st April 1964
Address	24 Cartington Terrace Heaton Newcastle-Upon-Tyne NE6 5QQ.	Status	Married
E-Mail	richard.burnard@btinternet.com	Nationality	British
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SUMMARY

I am a Chartered Engineer with a broad range of experience in the Control, Electrical & Safety system sectors. I have worked in several roles including engineering management, consultancy, technical compliance (as a specialist engineering inspector with HSE), technical sales & design. I have experience of both private and public sectors and have worked in the Oil & Gas, Chemical, Pharmaceutical, Nuclear, Renewables, Food and Electronics industries.

I believe in the application of robust engineering management systems, implemented by suitably competent individuals, thus facilitating positive commercial, safety, quality and environmental outcomes.

In my spare time, I act as a Professional Registration Advisor (PRA) and Mentor with the IET. I am also a STEM Ambassador working to promote science & engineering in local schools.

ORGANISATION	ROLE	DATES
Burnard Consulting Ltd	Principal Consultant	2016-Pres
PX (Teesside Gas Processing Plant)	Site EC&I Engineering Lead	2015-2016
AMEC (Clean Energy Division)	Principal EC&I Engineer	2014-2015
Health & Safety Executive (HSE)	HM Specialist Inspector – EC&I	2006-2014
Pfizer (Pharmaceuticals)	Automation/Control Engineer	2003-2006
The Engineering Business (Offshore)	Senior Design Engineer	2002-2003
Nestle Rowntree (Confectionery)	System Integration Engineer	1997-2002
SAIA Burgess (Control System Vendor)	Product Manager / Apps Eng	1991-1997
Armstrong Electra (E&I System Integrator)	Senior Design Engineer	1989-1991
Farnell Instruments (Electronics)	Development Engineer	1986-1989

PROFESSIONAL DEVELOPMENT & TRAINING

- **CEng. MIET.** Chartered Engineer registered with the UK Engineering Council
- **Managing Safely Diploma** - Institute of Occupational Safety & Health (IOSH)

FORMAL EDUCATION

QUALIFICATION	ESTABLISHMENT	DATE
BSc Electrical & Electronic Eng (2/I Hons)	Newcastle Poly	1986
3 GCE 'A' Levels. Maths, Physics & Chemistry	Houghton School	1982
8 GCE 'O' Levels. Including Maths & English	Sancroft School	1980

EMPLOYMENT HISTORY

Burnard Consulting - BCL	Principal Consultant	2016 - Pres
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[BCL](#) provides engineering consultancy and training solutions to facilitate the management of Control, Safety & Electrical (CSE) systems. As Principal Consultant, I work with clients, predominantly those in the major hazard industries (e.g. COMAH), providing services that include:

- Delivery of compliant, risk based, CSE asset management systems
- Authoring and implementation of CSE policy & procedures aligned to the requirements of pertinent technical standards & guidance.
- Technical auditing of CSE systems for topics including Functional Safety, Electrical Systems, Control of Ignition (Ex), Roles & Competency and Emergency Response Systems.

PX – Teesside Gas	Site EC&I Engineering Lead	2015 - 2016
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Managed the EC&I team at the Teesside Gas Processing Plant (TGPP) which processes natural gas streams from both the central and southern North Sea. Key responsibilities included:

- + Risk based asset management for a diverse range of Electrical, Control and Safety Systems
- + Managing and developing a team of EC&I Engineers, Craftsmen and Contractors

AMEC Clean Energy	Principal EC&I Engineer	2014 - 2015
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Worked within the UK civil nuclear sector for clients including EDF and Rolls Royce. Key responsibilities included:

- + Management of EC&I related projects including control system upgrades & replacements
- + Providing control / electrical / safety consultancy to internal AMEC groups

Health & Safety Executive	HM Specialist Inspector. Control/Electrical Engineering	2006 - 2014
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Provided Control / Electrical / Electronic Engineering support to UK duty holders operating in the Major Hazard / COMAH sector. Key responsibilities included:

- + Incident / Accident Investigation & Safety Case Assessment
- + Inspection / Audit of Electrical, Electronic, Control and Trip Systems on duty holder sites
- + Expert Witness in Crown and Coroners Courts
- + Liaison with Consultants, Equipment Vendors and System Integrators.
- + Support to the production of Standards and Guidance.

Pfizer (UK)	Automation/Control Engineer	2003 - 2006
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Responsible for the delivery of automated solutions (to a cGMP standard) for pharmaceutical manufacturing plant. Also, a member of Pfizer Global Automation & Standards working group.

Summary of Previous Roles & Other Relevant Experience	1989-2003
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SAIA Burgess (6 Years). UK Product Manager & Applications Engineer for Swiss based manufacturer of programmable logic controllers (PLC's). Covered the UK as customer facing engineer providing technical / sales support and product training.

Nestle (5 Years). Integration Engineer developing systems & software linking Nestle's enterprise system (SAP) to factory automation systems. (SCADA, VBA, SQL, ASP etc.)