**Date of Birth** 9 February 1953

**Marital Status** Married (2 Children)

**Qualifications** Advanced Diploma in Business Administration (Durham University)

 AMEC Charterplus

 Management NVQ (Level 4)

 HNC in Process Control

 Certificate in Natural Science - OU

 City & Guilds of London - Electrical Technician (Pts I & II)

**Professional Courses** Covey Principle Centred Leadership. API Continuous Improvement of Quality.

 Amec First Step Leadership Workshop

 Level 2 French (Inst Ling)

 IOSH

**SYNOPSIS of PROFESSIONAL EXPERIENCE**

A solution driven Project Engineer with over 35 years’ experience, starting with a technical apprenticeship served in Electrical and Process Control Systems, including periods of secondment to workshop, construction sites and commissioning. Continued in design and engineering, conceptual engineering, FEED and commissioning environments.

Working in all aspects of control and testing of various process control, shutdown, fire & gas and safety systems within medium to heavy engineering and industrial facilities including metering, pharmaceutical, chemical, petroleum, petro-chemical, oil exploration and extraction, bulk materials handling, gas extraction, sub-sea & diving systems, industrial metallurgical processing and electrical supply industries.

Self-motivated, safety orientated, conscientious, loyal, open to change and quick to adapt and accept new ideas,concepts and processes.

**EMPLOYMENT HISTORY**

**April 2015 - Present AMEC Foster Wheeler**

 **Aberdeen, Scotland.**

 **Senior Project Engineer**

Project engineering scopes associated with detailed design phase for Nexen.

Responsible for delivery of Brownfield projects and minor modifications for Scott-Telford facilities. Including installation of Intelligent Pigging facilities, Infill drilling and various modification packages. Detailed design delivery associated with Golden Eagle flowline installation and Buzzard repair scopes.

**August 2013 - April 2015 AMEC Black Cat LLC**

 **Doha, Qatar.**

 **Senior Project Engineer**

Project engineering scopes associated with detailed design phase for Occidental Petroleum of Qatar – Phase 5.

Responsible for delivery of Greenfield FEED for new facilities at Halul Island including Brownfield definition and tie-in concept..

Definition and detailed design for new cable installations required for OPQL Phase 5.

Halul Metering system upgrade and Al Morjan Metering System Installation – scope definition and execution.

Development of various minor scopes under Oxy SO&M.

Tenders and bids for various oil & gas companies within Qatar.

**June 2012 –August 2013 Talisman Energy UK Ltd**

 **Aberdeen**

 **Senior Project Interface Engineer**

Project engineering scopes associated with define phase for Auk Area Redevelopment.

Involvement with Talisman Global Governance Dept with regard to Interface Management and PMCS.

Interface management between all parties during define phase.

Project engineering for all additional and refurbishment requirements for accommodation upgrades.

Assess and develop Temporary Living Quarter options through concept and FEED.

**May 2011 – June 2012 Marathon Oil UK Ltd (for Petrofac)**

 **Marathon House Aberdeen**

 **Senior Project Engineer**Employed by Petrofac at Marathon House for topside modifications to East Brae for tie-ins from the Devenick (BP) field.

Responsible for all brownfield engineering delivery including Instrumentation and metering responsibilities..

Production of essential tie-in and shutdown SOW for both fields.

SOW, estimate and schedule for detailed brownfield engineering.

Interface management with module engineering (greenfield) design company

Responsible for identification and collation of all Project Change Notifications, including man-hour estimates and schedule impacts, through to client approval.

**October 2010 – May 2011 Pöyry Energy (Aberdeen) Ltd (Now Atkins Oil & Gas)**

 **Exchange, Market Street, Aberdeen**

 **Project Manager**Management of small to medium design scopes for various clients within the Oil & Gas community. Production of essential tie-in and shutdown scopes of work. Estimating, schedule development and general management activities for concept, FEED and design definition engineering.

Conceptual management input to offshore wind farm proposals.

Development of full suite of project procedures and processes.

**March 2009 – October 2010 Marathon Oil UK Ltd (for Petrofac)**

 **Marathon House Aberdeen**

 **Senior Project Engineer**Employed by Petrofac at Marathon House to develop feasibility scopes for topside modifications to East Brae for tie-ins from the Crawford (Fairfield) and Devenick (BP) fields. Production of essential tie-in and shutdown SOW for both fields.

SOW, estimate and schedule for FEED/Definition engineering.

Development of scopes of work, cost estimates and schedules for Brae Field Power Generation Upgrade including management of all project changes, liaison with Lloyds Register of Shipping for Independent Verification issues, site interface during assembly of integrated skids and auxiliary systems at fabrication yard.

Responsible for identification and collation of all Project Change Notifications, including man-hour estimates and schedule impacts, through to client approval.

**August 2006 – February 2009 Talisman Energy, Aberdeen**

 **Topsides Project Engineer**

Employed by Talisman Energy to provide multi-discipline engineering and management support services for their Tweedsmuir Project. Involved in project execution for all switchgear, metering, ESD, F&G and Control systems on Piper Bravo and Saltire platforms, including management of produced water caisson repair.

**January 2006 – July 2006 Petrofac Brownfield, Aberdeen**

 **Senior Project Engineer**

Employed by Petrofac to provide project engineering and management services to Marathon Oil UK Ltd. Responsible for project execution for Brae Bravo Low Pressure Operations project which entails modification to the fuel gas and fuel gas import systems.

 **September 2001 – December 2005 AMEC Process & Energy, Aberdeen**

 **Project Engineer**

Project engineering and management services to Shell – Sigma3 Ltd. Responsible for project execution for all CPs on Cormorant Alpha.

Project engineering and management services for BP Federal contract involved in finalisation of Clair field onshore implementation, various destruct scopes and fabric maintenance. Forties pipeline system project support engineer. Seconded to Shell – Sigma3 Ltd to carry out upgrades to Cormorant A.

Project engineering and management services for EXXON/Mobil UK for their Beryl Field Assets.

**June 2000- June 2001 AMEC Process & Energy, Aberdeen**

 **Senior Instrument Engineer**

Employed by AMEC to provide engineering services for EXXON/Mobil UK for their Beryl Field Assets Projects to date include Buckland close out, Beryl Alpha Halon Removal, Beryl Bravo fire & gas upgrade offshore commissioning and co-ordination role.

**September 1999- June 2000 Kvaerner Oil & Gas Limited, Aberdeen**

 **Senior Instrument Engineer**

A self employed engineer under contract to KOGL to provide engineering services for Elf Exploration UK for their Fourth Round Assets (FRA) Claymore, Piper B, Saltire and Flotta.

Projects to date include, Flotta Flare Drum Nucleonic level detection, Claymore Separator Nucleonic level detection, Scapa produced water hydrocyclone and separation upgrade and Saltire Oil in Water Analyser replacement. Involved in transfer of assets from Elf to Talisman Energy.

**November 1993 – September 1999 Brown & Root Energy Services Ltd, Aberdeen**

**Senior Instrument Engineer**

Employed by Brown & Root to provide engineering services for Conoco (UK) Ltd. Total system design engineering support from conception through design and construction phases to commissioning and engineering close-out. Provision of full operational support to Conoco for both Northern (Hutton TLP, Murchison, & Lyell) and Southern Operations.

**Feb 1992 - Nov 1993 Brown & Root Ltd, Aberdeen**

 **Drawing Office Supervisor (E & I)**

Provision of design support to Instrument and Electrical Engineers for full project design, man-hour estimates and drawing office supervision and control approval for Conoco’s Northern and Southern Assets (Hutton TLP, Murchison, Lyell, Viking, LOGGS and Murdoch). Development of all instrument and electrical drawing office procedures associated with original set up and organisation of drawing office for Conoco's partnering with Brown & Root. All CAD drawings on Intergraph Microstation, Autocad and Schema.

**Jan 1990 - Feb 1992 McDermott Engineering Ltd, Aberdeen**

 **Instrument Drawing Office Supervisor**

Reporting to Senior Instrument Engineer and Chief Draughtsman for Supervision and co-ordination of system design packages including manhours control of drawing office personnel for Conoco offshore and onshore oil and gas concerns. The position covered a broad range of activity including the Hutton Long Range Plan, Murchison General Engineering Packages, Viking BA Accommodation Platform, Theddlethorpe Gas Terminal modifications and hand over of Southern Basin operations from Conoco's Southern Office to their Northern Headquarters in Aberdeen.

**Mar 1989 - Jan 1990 Bibby Engineering Ltd, Aberdeen**

**Instrument Project Co-ordinator**

Responsible to Engineering Manager for production of complete system drawing packages (instrument and electrical) for Occidental Petroleum which included full ratification of Claymore Platform Instrument systems and P & IDs post Piper Alpha. Man-hour control, project estimates, client liaison site survey assessments and design office supervision & support for Occidental Caledonia and Conoco (UK) Ltd.

**Oct 1985 - Mar 1989 ICE Engineering UK Ltd, Aberdeen (Now METCO)**

**Project Engineer**

Employed as senior company engineer providing total project management, financial control and quality assurance of various fiscal metering, split phase samplers, analysers and associated packages for major licensees including Shell/British Gas check metering facility at St. Fergus and replacement Custody Transfer Metering system for Amoco (UK) Ltd at Bacton. Systems commissioning, testing and supervision. Feasibility studies and full documentation packages.

**Jan 1985 - Oct 1985 Empac Group Ltd, Aberdeen**

**Instrument Section Leader**

Systems design & supervision of modification packages for complete systems for major oil and gas companies in particular Conoco (UK) Ltd Hutton and Murchison, BP Pet Dev - Magnus and Occidental Caledonia – Piper, Claymore and Flotta.

**Oct 1984 - Jan 1985 Matthew Hall Engineering, Aberdeen**

**Instrument Designer**

Instrument design packages for Shell (UK) Exploration and Production.

**Aug 1984 - Oct 1984 Empac Group Limited, Aberdeen**

**Instrument Designer**

Instrument work packs for Conoco Hutton and Murchison and BP Petroleum Development.

**Jan 1984 - Sep 1984 ICE Petroleum Engineering Limited, Aberdeen**

**Instrument Designer**

Production of design packages for fiscal and custody transfer flow metering systems, samplers, analysers and associated equipment for major oil companies.

**1983 – 1984 Wood Group Engineering Design, Aberdeen**

**Instrument Designer**

Instrumentation design packages for oil majors - BP Petroleum Development, Shell (UK) Ltd including full appraisal of Brent C Process Control Room and fiscal metering packages.

**1982 – 1983 Humphreys & Glasgow Ltd, Aberdeen**

**Instrument Designer**

Production of full instrument construction packages and estimates for various clients including Shell Brent Field and Conoco’s Hutton and Murchison Platforms.

**1981 - 1982 McDermott Engineering Limited, Aberdeen**

**Electrical / Instrument Draughtsman**

Instrument and Electrical design packages for Total Oil Marine (MCP-01 under deck diving system) and Shell UK Exploration & Production - various ad-hoc packages.

1. **BPB Instrument, Nottingham**

**Instrument Design Draughtsman**

Detailed design and draughting associated with prototype oil field logging truck including downhole instrumentation interface panel and systems diagrams.

**1981 Salem Engineering Limited, Derby**

**Electrical / Instrument Designer**

Production of instrument and electrical design packages for all types of multi-fuel furnaces. System commissioning at Ford motor Company (UK) and Union Carbide in France.

1. **Seaforth Maritime Engineering (Barry, Henry & Cook Ltd), Aberdeen**

**Electrical Draughtsman**

Draughting packages for Shell’s M.S.V. Stadive diving systems and bauxite handling control systems for Alcan Aluminium in Scotland.

1. **British Celanese, Spondon, Derby**

**Electrical Draughtsman**

Electrical packages for chemical plant control systems and street/shop floor lighting systems and aspect lighting controls.

**1978 - 1980 East Midlands Electricity Board, Nottingham**

**Electrical Draughtsman**

Working at the EMEB headquarters on the production of protection systems for all major grid and super-grid systems including delayed auto-reclose inter-tripping and telemetry circuits.

**1969 - 1978 Richard Simon and Sons Limited, Nottingham**

**Electrical Draughtsman**

Started as Trainee Draughtsman with promotions through to Assistant Design Engineer following a recognised apprenticeship consisting of all aspects of design engineering activities. Involved in design of control systems for various types of industrial weighing and drying machines, packers, bag-holders, check-weighers, conveyors, belt feeders and constant weight and rate feeder systems and commercial product dryers.