#### Brian McRae **40 Croft Place** Eliburn, Livingston West Lothian EH54 6RJ Telephone: 01506 414338 (home) 07855 640705 (mobile) Email: brian@zzt.org.uk

# PROFILE

A highly skilled professional with extensive experience in the areas of: Electrical Safety Training, Quality, Manufacturing, Service and Maintenance. Self employed as a peripatetic CompEx qualified electrical safety instructor and assessor, using training skills and knowledge to support personnel within the industries where they have gas or dust potentially explosive atmospheres. A versatile and adaptable character with proven customer service, interpersonal and technical skills. With the key objective of using the unique combination of skills and experiences within organisations, that incorporate training/learning and development, to further enhance individuals' knowledge, competency and abilities to work safely within their organisations.

# CAREER HISTORY

#### Zone Zero Training Ltd

ZEF 29 August 2011 – Present Bespoke electrical technical training organisation providing training services to the potentially explosive atmospheres industry.

#### **Director/Contract Electrical Technical Safety Trainer/Assessor**

Have budgetary control of a company, dealing with all the financial aspects required to run a small business in the UK. Responsible for the training needs analysis, design and delivery of bespoke technical courses based on the clients Electrical Safe Working Practice procedures. As a JT Ltd/CompEx approved instructor and assessor, who is involved in delivering and assessing courses such as CompEx01 to 06. Other courses include ATEX, Electricity at Work Regulations and PAT testing. Liaising with management and senior engineers of Ex equipment manufacturers to develop client specific courses to match their customer requirements for quality and content on electrical and safety matters. Recently qualified with IECEx certificate in personnel competence based on the series of international standards IEC 60079. Conducting instruction course delivery currently throughout the UK and the Middle East.

- As a course developer, generating bespoke training programs, then delivering in the UK and Arabian Gulf for various clients supporting major players in the oil and gas industry.
- A variety of experiences from 1:1 training sessions to working with larger training groups.
- Creating training plans and documentation to support an organisations training programme.
- Maintaining robust communications with all levels of management throughout the organisations.

#### Forth Valley College



#### 20 August 2007 – 26 August 2011

The fifth largest college in Scotland employing over 400 staff/lectures in a variety of subjects.

#### **Electrical Safety Training Consultant**

Responsibility for the design and delivery of a variety of training materials for electrical safety, specialising in the potentially explosive atmospheres within the petrochemical industries. Training and assessing the CompEx courses for Gas, Dust and Foundation units. Delivery was throughout the UK and Qatar.

## **Fortitudine Services Ltd**



#### 14 August 2006 – 20 August 2007

Bespoke technical training organisation providing electrical safety training services to the rail transport industry.

#### **Director/Contract Technical Trainer**

Have control of the company, dealing with all the financial aspects required to run a small business. Responsible for the TNA, design and delivery of bespoke technical courses based on the clients Electrical Safe Working Practices procedures. Analysis of candidate feedback, then publishing reports to management on the course progress and outcomes. Course delivery was throughout the UK.

#### Alstom Transport Service

A worldwide organisation providing services to the rail transport industry. To service and maintain the APT (Advanced Passenger Train) sets at Glasgow Train Care Centre, which employs 150 support staff. Trainer

Responsible for the design and delivery of a variety of training programmes, from induction and various safety courses for employees to specialist training for on-board train systems. The technical training of subjects ranged from electrical/electronic to mechanical and pneumatic systems.

## **Nikon Precision Europe**

A subsidiary company of Nikon Corporation providing services to the Electronic Semiconductor and Opto-Electronics Industries with, 250 employees. The installation, maintenance and servicing of highly accurate electrical/electromechanical/systems used within the semi-conductor silicon wafer industry.

#### **European Technical Trainer**

Responsible for design, development and delivery of bespoke training packages for internal & customer engineers. Evaluating, mentoring and assessing candidates performance during the training courses involving installation and maintenance. Produce comprehensive training information and update manuals.

- Developing and training a range of electro-technical subjects from software application to electrical/electronics, optics and safety including laser gas technology, DSEAR related.
- Improved alternative teaching/training methodology by using open learning, as well as CBT.

#### Mitsubishi Electric



#### **Electrical/Electronic Quality Control Engineer**

A Japanese subsidiary company of Mitsubishi Electric Corporation involved in the production of electromechanical products as a manufacturing facility employing approximately 1500 employees. Responsible for leading and supporting a team in the quality section. Dealing with suppliers electrical and electronic parts within the quality department. Training basic electrical/electronic/safety in-house courses

#### TM Group Ltd

#### **Field Service Engineer**

Electrical/mechanical vending systems, throughout east central Scotland area. Responsible for the installation, repair, maintenance and servicing of electromechanical equipment to manufacturer's standards.

# PERSONAL

Date of Birth: 17 March 1964 Status: Married Driving Licence: Full with no penalty points Health: Good

# **Computer Software**

MS Windows. MS Office (Word, Excel Power point) Acrobat

# **INTERESTS**

Enjoy travelling, cooking, walking, reading, photography and home computing. Previously involved as a volunteer helping at the local library with basic computing skills.

#### 6 September 2004 – 28 July 2006

29 September 1997 – 31 March 2004

Page 2

#### May 1980 – August 1987

July 1990 – 20 September 1997

# Nikon

# **QUALIFICATIONS**

2016 – IEC EX0001 SIRA Certification - Chester



- 2015 CompEx EX05 & 06 Dust Forth Valley College
- 2013 CompEx EX01 to EX04 Refresher NETA Training Group
- 2012 Glanding (Short Course) Hawke



Baseefa

- 2012 Hazardous Area Classification Baseefa
- 2011 V1 Internal Verifier Award PAAVQ-SET
- 2010 CompEx EX05 & EX06 Dust NETA Training Group
- 2010 SQA PDA Teaching Further Education
- Forth Valley College
- 2009 CompEx Approved Assessor EEMUA/JT Limited



2008 – Sira Competence Pro Trainer Sira Certification – Chester



- 2008 CompEx EX01 to EX04 Gas NETA Training Group
- 2007 C&G 2377 PAT Testing Stow College, Glasgow



- 2005 CIPD Certificate in Training Practice West Lothian College
- 2005 European Computer Driving Licence West Lothian College



- 1996 TDLB D32, D33 Engineering Training Authority (EnTra)
- 1990 HND Electrical/Electronic Engineering Napier University Edinburgh Napier
- 1988 OND Electrical/Electronic Engineering Jewel & Esk College



1988 - City & Guilds Electronic Servicing Ci Jewel & Esk College

