



Peter Clarke, PhD, CChem
Senior Safety Consultant, exida.com

Fields of Competence

Chemical Process Management
Process Risk Analysis
Workplace Safety Management
Technical Communications and Training
IEC Functional Safety – IEC 61508

Experience Summary

Dr. Clarke has over 11 years of experience in the oil & gas, chemicals, pharmaceuticals and biotechnology sector, and spent several years as a university teacher in the field of business and technical communications.

1992-1997, with Bioprocessing Ltd, a small manufacturer of protein separation technology products:

- Developed novel protein separation solutions
- Trained in Occupational Safety & Health, and served as Health & Safety Coordinator

1997-2000, with Robinson Brothers Ltd, a fine chemicals manufacturer:

- Plant Manager for 3 process units
- Responsible for all aspects of production, safety, ISO9000 and GMP compliance, training, troubleshooting, and waste management

2002-2003, with Pharmacia Ltd, a major pharmaceuticals manufacturer:

- Shift Facilitator for 3 process units
- Responsible for all aspects of production, safety, ISO9000 and GMP compliance, training and troubleshooting

2005-2008, instructor at The Chinese University of Hong Kong:

- Development and delivery of classroom and online learning materials in language instruction, communications
- Specialised in technical and business communications

2008-2010, with ERM Ltd, a risk management consultancy:

- Senior Risk Consultant
- Specialised in HAZOP, SIL selection, LOPA, Safety Case and Alarm Management studies

2011-present, with exida Asia Pacific:

- Senior Safety Consultant
- Specialised in SIL selection, Alarm Management, training and PHA

Professional Profile

Credentials

- Certified Functional Safety Professional, 2010
- Chartered Chemist, 1999
- UK National General Certificate in Occupational Safety & Health, 1996
- PhD University of Durham, UK, 1991 (Industrial Chemistry)
- BA University of Oxford, 1988 (Chemistry)

Key Assignments and Projects

- Chaired HAZOP, SIL selection studies for numerous major oil & gas, petrochemical and downstream new-build and upgrade projects, especially LNG, refinery units and polymer plants
- Wrote Safety Case for Hongkong Electric's Lamma Island natural gas power plant
- Chaired Alarm Management Study for natural gas processing plant (8,000 alarm tags)

Languages

- English – primary
- Chinese (Cantonese), Dutch, French – moderate