

Current role: Director – XBP Refining Consultants Ltd.
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Key Attributes:

- More than 34 years experience in the oil refining and engineering contacting businesses
- Specialist knowledge in all types of naphtha isomerisation and naphtha reforming processes
- Passionate about process safety, plant reliability and use of technology to enhance plant capability
- Track record of helping to deliver operational excellence and improved commercial performance
- Demonstrated ability to work with multi-functional teams
- Good inter-personal skills and clear, concise written communications

Career History:

Refining Advisor (Reforming/Isom) June 2004 – August 2015

BP Oil International Ltd. (Sunbury, UK)

- Provided on-site and remote technical support and training to all BP refineries worldwide
- Process technology training, troubleshooting, unit optimisation, turnaround and project support, developing process safety standards, promoting application of technology and sharing best practices
- Also led development and use of refining incident database to facilitate systematic analysis of events

Process Development Leader August 2003 – June 2004

BP Coryton Refinery Ltd. (Stanford-le-Hope, UK)

- Led team of process engineers developing a sustainable business improvement strategy for the site and identifying, prioritising, implementing and performance monitoring individual improvement projects

Technical Support Engineer (Naphtha Complex) June 1998 – August 2003

BP Coryton Refinery Ltd. (Stanford-le-Hope, UK)

- Supported startup, shutdown, optimisation, troubleshooting, turnaround, and clean fuels revamp project on naphtha hydrotreaters, naphtha splitters, naphtha reformer (UOP Atmospheric CCR), naphtha isomerisation (UOP Penex/Molex) and hydrogen network

Principal Specialist (Cracking) December 1994 – June 1998

BP Kwinana Refinery Pty. Ltd. (Perth, Australia)

- Led team of process engineers providing day-to-day technical support and developing sustainable performance improvement projects on Cracking Complex comprising RFCC, CO Boiler, unsat gas plant, catalytic polymerisation, HF alkylation, sour water stripper and sulphur recovery units

FCC Process Design/Project Support Engineer December 1991 – November 1994

BP Oil International Ltd. (London, UK)

- BP Grangemouth FCC Revamp project, Nerefco FCC Revamp project, BP Bulwer Island RCU Cat Cooler project, BP Castellon FCC Reactor/Stripper Revamp project, SRC RFCCU operator training

Principal Process Engineer September 1988 – November 1991

Davy McKee Pacific Pty. Ltd. (Melbourne, Australia)

- Lead process engineer on Shell Geelong grass-roots RCCU project, Caltex Kurnell FCCU1 Revamp project, Esso Longford Flare Gas Recovery project and SRC RFCC feasibility study

Operations Supervisor (Cracking Complex) January 1987 – August 1988

BP Oil Grangemouth Refinery Ltd. (Grangemouth, UK)

- Responsible for meeting FCCU and HF Alkylation production targets, conducting Hazops, managing shift teams, prioritising maintenance activity and approving operator competency assessments

Process Support Engineer January 1982 – January 1987

BP Oil Grangemouth Refinery Ltd. (Grangemouth, UK)

- Process monitoring, process optimisation, efficiency improvement, minor capital project development, turnaround support on Crude/Vacuum Distillation units, Distillate Hydrotreaters,

Qualifications:

Chartered Member of Institution of Chemical Engineers (CEng MIChemE)

BSc (Hons) Chemical Engineering + Diploma in Industrial Studies at Loughborough University (UK)