

<p>T: 07787 513979 E: gmc@kynon-engineering.com W: http://www.kynon-engineering.com</p>	<p>Nationality: British Driving Licence: Full UK, Clean.</p>
<p>Key Skills: Process design – calculations, reports, and P&ID development Equipment selection & specification – datasheets, vendor evaluation Process & environmental safety – including HAZOP & HAZID Project management – estimation & control of cost/man-hour budgets, supervision of engineers & contractors</p>	
<p>Affiliations: Associate Member of IChemE - AMIChemE</p>	
<p>Education: BEng (Hons) Chemical Engineering – University of Edinburgh 1996-2000</p>	
<p>Career History: Kynon Engineering Ltd, Director, 2008 – present - Senior Process Engineer, Petrofac Aberdeen, 2008 – present Merpro Ltd, Senior/Lead Process Engineer, 2006 – 2008 Weir LGE Process, Process/Project Engineer, 2000 - 2006</p>	
<p>Project Experience: <u>Petrofac Aberdeen (2008-present)</u> <i>Apache Forties Alpha/Delta Gas Lift Debottlenecking Upgrades</i> Preparation of P&IDs for tie-in & installation scopes, sizing calculations, control & operating philosophies, and datasheets for additional equipment to increase Production Gas handling capacity from 32 MMscfd to ca. 55 MMscfd, and Gas Lift capacity from 20MMscfd to 40MMscfd. Liaison with Client & Vendors to resolve technical queries. Prepared manhour estimates for all Process engineering scopes. <i>Marathon Oil UK (MOUK) Brae Alpha Power Generation Upgrade</i> Prepared full P&ID suite for the removal & replacement of 2-off Power Generation units on the Brae Alpha, total project value approximately £54 million. Liaison with all disciplines to ensure that all relevant interfaces were captured. Verified adequacy of utility systems for new requirements. Attended Project Risk Review meetings. Prepared man-hour budgets for project execution. <i>MOUK East Brae Export Compressor Thermowell Replacement</i> Analysed operational data to determine where plant design parameters had been exceeded, and which units should be replaced – to avoid containment failures. Developed HYSYS model of plant to determine fluid properties at process conditions. <i>MOUK Technical Modification Team – East Brae/Brae Alpha</i> Developed P&IDs/calculations/datasheets and attended HAZOPs for Brownfield modification projects across process & utility systems. <u>Merpro Ltd (2006-2008)</u> <i>Hunterston 'A' Modular Active Effluent Treatment Plant</i> Lead Process Engineer during factory test at Merpro premises. Liaison with Client commissioning engineers to ensure satisfactory performance of the package, and to identify & resolve technical issues experienced during performance test. Provided support on-site after package installation at Hunterston. Designed & ran tests to simulate operating</p>	

scenarios.

Maersk Oil Qatar – Al-Shaheen Field Development – Sand Handling Packages

Lead Process Engineer during design & manufacture of on-line sand removal packages for five newbuild platforms in the Al-Shaheen field development. Attended HAZOP & Project meetings at Client premises, coordinated & approved technical responses to action points.

Statoil/Aker Kvaerner Gjøa Project – Produced Water Treatment Packages

Lead Process Engineer during design & manufacture of Hydrocyclone PWT packages. Ensured design met Statoil & Norsok requirements. Attended HAZOP & project meetings.

Weir LGE Process (2000-2006)

Rhourd El Adra / Rhourd Al Hamra 22,500m³ LPG Tankers (Namura Shipbuilding Co., Japan)

Project Engineer. Prepared Project Execution Plans. Maintained control of cost & man-hour spends. Evaluated/approved vendor quotations & purchase orders. Prepared monthly project progress reports. Attended project meetings at Client premises. Coordinated responses to Client queries. Deputised for project manager when required.

Albane / Antwerpen / Electra Star / Gas Oriental / Gaz Millennium / Hellas Argosy / Hellas Nautilus / Kodajisan / Mado / Maya Star / Merope Star / Queen Zenobia / Venere – LPG Tankers (various capacities & shipyards)

Process Engineer. Detailed process plant sizing calculations. Liaison with Third Party Inspectorates/Notified Bodies, prepared replies to TPI queries. Prepared reports for submission to Client & TPI. Prepared Performance Testing (Gas Trial) Procedures, attended Gas Trials to provide technical advice/support. Evaluated plant performance. Prepared Gas Trials Reports for Client. Evaluated vendor quotations & resolved technical queries. Prepared guideline design manuals for use by new/graduate engineers. Generated standard document templates.

Activities/Interests:

Sport

I am a keen rugby player, training & playing regularly for Mackie Academy FP RFC 2nd XV. I also hold a UKCC Level 1 Coaching Certificate, and I help coach the Senior and U18 squads. As part of this, I have Enhanced Disclosure (Scotland). I also enjoy other sports, playing football, golf, volleyball, or going running as & when I have the chance.

Music

I enjoy listening to & playing many different genres of music, principally rock. I play guitar, bass guitar, and sing.

I also enjoy going to live gigs and music festivals, especially when these present the chance to socialize with my friends from around the country.

Travel

I have been fortunate enough to have had the opportunity to travel with my work, as well as on holiday - this has seen me add stamps from Trinidad, Japan, South Korea, USA, India & the UAE (amongst others) to my passport. I enjoy traveling to new places & experiencing different cultures, and traveling in a professional capacity is something which I would be keen to do in the future.

References:

Available on request.