

# Dimitris Papakonstantis

## Mechanical Engineer BEng (Hons), MSc, CEng, MIMechE

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Mechanical engineer experienced in topsides oil & gas safety critical equipment Integrity Management, Assurance and Auditing to ensure compliance with Legislation and enable the continuing operation of offshore installations.

### Work Experience

#### **Nov 2017 – Today: Harbour Energy Plc, Verification Advisor for Armada, N Everest & Lomond**

Based in Aberdeen (UK) I am responsible for the compliance of 3 offshore installations with the Safety Case (2015) Regulations by managing the delivery of the Verification Scheme and resolving any non-compliances raised by the third-party inspections.

#### **Nov 2016 – Oct 2017: Shell UK Ltd, Subsea Surveillance Engineer for Bittern, ETAP & Kingfisher**

Based in Aberdeen (UK) I was responsible for monitoring the performance of 3 subsea fields ensuring continuing production and coordinating subsea campaigns to deliver preventative and corrective maintenance. My role required coordination and cooperation of different disciplines (Production Chemistry, Production Technology, Production Programmers, Material & Corrosion, Pipelines and also Vessel Assurance and Subsea Execution. I was responsible for monitoring the subsea infrastructure and budget. I delivered the following subsea campaigns:

- DCB Manifold Corrosion Inhibitor Injection Valve Closure
- Kingfisher Pigging Loop Valve Opening
- Water Injection Line Failure fault finding
- Water Injection Line Reinstatement
- Water Injection and Gas Injection Line Rock Dumping
- Well PE (B4y) SCM Replacement
- VIPER installation on Channel 1 of Kingfisher

#### **Jul 2013 – Nov 2016: Shell UK Ltd, Technical Integrity Engineer for the Brents & FPSOs**

Based in Aberdeen (UK) I was responsible for ensuring that Safety Critical Equipment (as defined by the Safety Case Regulations 2015) remained fit for purpose during the operate and decommission phase of Offshore installations. I was responsible for managing third party auditing findings, preparing and developing the cumulative risk review status of the installations and deliver training to onshore and offshore technicians, operators, technical authorities and management.

**Nov 2011 – Jul 2013: Bureau Veritas UK Ltd, Verification Engineer**

Based in Aberdeen (UK) I was responsible for auditing the client's offshore installations Safety Critical Elements in accordance with the Verification Scheme by conducting offshore visits and onshore documentation audits as required by the Safety Case Regulations.

**July 2007 – Nov 2011: WS Atkins Plc, Design Engineer**

Based in Epsom (Surrey) I was responsible for reviewing maintenance strategies to ensure compliance with legislation and best practice and for conducting risk assessments and FMECA studies for assets in the UK and Middle East (Israel, Kuwait and Saudi Arabia).

**May 2006 - July 2007: IMEG Ltd, Piping Engineer**

Based in Egham (Surrey) I was responsible for the detail design of the extension of a Bulk Oil Storage Tank Farm including the production of: As Built Drawings, Process Flow Diagrams (PFD), Process & Instrumentation Diagrams (P&ID), General Arrangement Drawings for the piping, pumps, tanks, Isometric Drawings. Tank Design Verification (compliance with API 650), Bill of Materials, Equipment Specifications (Valves, Pumps, etc), Calculations (hydraulic studies) for the sizing of piping to connect the 4 new Oil Storage Tanks via 14 pumps with 1 loading gantry, 2 new loading arms, new oily water separator, slops tank and the fire fighting system to the existing facility

**November 2004 – May 2006, Archirodon Ltd, Design / Site Engineer**

Based in Jubail Industrial City of Saudi Arabia I was responsible for the technical evaluation, procurement, installation and commissioning of mechanical equipment and piping to be installed in petrochemical Berth 37 (contract value \$ 13,818,000) and petrochemical Quay No 2 (\$ 63,040,000) of King Fahd Industrial Port.

Based in Jeddah of Saudi Arabia I was responsible for the design of a Flue Gas Desulphurisation Plant (contract value: \$ 80,727,000) for the Saudi Saline Water Conversion Corporation (SWCC) plant

- Qualifications MSc Combustion & Energy - University of Leeds (2002)  
BEng (Hons) Mechanical Engineering - University of Leeds (2001)
- IT Skills Proficient in the use of Microsoft Office Software (Word, Excel, Access, Project, Powerpoint and Visio).
- Interests Scuba Diving, Recreational, Technical, Cave and Wreck, cycling, reading, listening to music, walking, cinema and theatre.

References Available on Request