**Daire Murphy**

**Senior Atex E&I QA-QC / E&I Technician / E&I Construction Supervisor**

Citizenship: Irish

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**Profile**

E & I Technician with broad experience within planning, QA/QC, risk assessment, work preparation, ATEX and completion. Participated in various projects in the oil and gas section on and off shore over the last twelve years in different contractual formats on both client and contractor side.

Combined experience working through different types of environment. My qualifications in the field of Electrical/Instrumentation have proven invaluable for my duties.

**Key Skills**

Working knowledge of Permit to work system (PTW)

Identifying and recording quality problems and opportunities for improvement

Naturally self-motivated and experienced in performing effectively under pressure

Good Working knowledge of ATEX directives.

Skilled in DCS and ESD Plant Automation Control System

Operational knowledge in Fire and Gas systems

Commissioning and Termination of Ex equipment

Ability to read from P&ID’s, loop diagrams

Good fault finding abilities and am able to follow complex instructions

**Computer Skills**

MIPS (Aker Solution – ERP system)

PIMS (Westcon Olen)

Microsoft Project, MS Office

ACS Agip  KCO

MAXIMO (MAERSK FPSOs)

**Training**

Permit to Work

Risk Assessment

5 day UKOOA approved First Aid

5 day Fire Team Member

4 day Helideck Fire Team Member

5 Parker Alok/Swagelok Pipefitting

SAP R/3 , Maximo systems

**Further Education/Qualifications**

SBT Swagelok Training

Modern Apprenticeship in Installing and Commissioning Electro Technical Systems.

Achievement measurement Test (AM2)

City & Guilds 2360, 2361, 2391

Level 2 & 3 Electrical & Electronic Engineering

CompEX 01,02,03,04

Process Control and Instrumentation NVQ

Ex Certificate (Norwegian CompEX)

PTW & SJA Certificate

VCA

**Work History**

**In Amenas Gas plant Algeria**

**SENIOR ATEX E&I QA/QC**

**SEP 2015 TO PRESENT**

Working in the QA/QC department for Petrofac then moved to BP/Statoil on the In Amenas gas plant in the south east Sahara desert. Duties include,

Carrying out Inspections on various Electrical and Instrument equipment. Composing Punch lists and supervising E&I techs performing remedial work.

Composing Red Line and As Built drawings.

Coaching Local E&I Techs in the installation and maintenance of various types of ATEX equipment. Overseeing the, execution and completion of all Atex equipment in the area (TRAIN 3) damaged in the terrorist attack.

Inspection and Supervision by permanent presence on work locations to monitor and control the activities of the contractors. Always ensuring good communication with the contractors to ensure they have adequate equipment and manpower to perform tasks  to time scale and site requirements

Reporting to Electrical technical authority for day to day activities.

Conducting the detail inspection of defects equipment’s and carry out the repair work as per ATEX norms and IEC 60079-17 standards.

Input all field inspection records & repair activities in to ATEX detail Inspection test report (ITR) and database.

Verify the hazardous area inspection and installation activities in accordance with BP GP-12-60 standards.

**Maersk FPSO’s**

**E&I Technician, North Sea Producer (FPSO)**

**May 2013 – Aug 2015**

My duties included preventive and corrective maintenance including calibration and troubleshooting of various field equipment and panel instruments namely. Pressure, flow, level and temperature sensors. Servicing, overhauling and calibration of all types of control valves and shut down valves. Competent with Fisher Rosemount Provox DCS process system, Wormald Fire and Gas Triconex in conjunction with Cerberus Fire Detection system. Carrying out routine surveillance of third party sub-contractors work aboard the vessel. Ensuring integrity of all ATEX devices remains intact during storms/maintenance activities.

**Kashagan D Island experimental drilling project Kazakhstan.**

**Agipkco**

**QA/QC E&IT Inspector.**

**Nov 12 - May 13**

**Working in the QA/QC department for Agip on D Island in the Northern Caspian**.

Duties include,

Carrying out Inspections on various electrical and instrument equipment. Composing Punch lists and supervising E&I techs performing remedial work.

Composing Red Line and As Built drawings.

Instructing Local E&I Techs in the installation and maintenance of various types of ATEX equipment.

**Shell**

**E&I Technician**

**Mossmoren Gas plan.**

**Oct 11 – Nov 12**

Responsible for preventative/breakdown maintenance, calibration and setting up. Fault-finding, installation and commissioning work on several types of instrumentation and some analysis equipment, compiling ‘As-built diagrams after completing installations Good working knowledge of Rosemount, equipment and several types of SMART instruments

Committed towards workplace safety including a solid working knowledge of (ATEX) hazardous areas. Fabrication and installation of cable support and transit systems, Testing of cables and equipment. Work to recognised standards / procedures / codes of practice, Fault diagnosis and rectification using initiative.

**Skarv FPSO Stord, Norway,**

**Aker**

**Electrical and Instrumentations construction supervisor**

**Dec 10 – Oct 11**

Responsible for preparation, execution and completion of all calibration and loop testing of all instruments in my area. I had to ensure all assignments were completed on time in accordance with the project schedule. Ensuring HSE activities within area of responsibility are carried out. Ensuring all equipment under my supervision was up to date with all ATEX regulations and ensuring timely completion of inspection sheets and associated documentation.

**The Haven jack up Accommodation Rig, Norway**

**E & I Construction Supervisor.**

**ConocoPhillips**

**Dec 09  – Dec10**

Responsible for management and co-ordination of all electrical and instrument related activities in my area. Commissioning and Termination of Ex equipment. Installation of power, HV/LV cables. Responsible for requesting resources from disciplines to ensure proper manning level for timely completion of the work reporting to Engineering Manager.

**Alvheim FPSO,Norway**

**Electrical Instrumentation Supervisor.**

**Marathon Oil**

**Dec 07 –Dec 09**

Reporting to Engineering Manager. Calibration of all Flow transmitters, level transmitters, Pressure, temperature transmitters. Flame detectors, line up sight, fitness alarm, dead man alarm, fire and gas systems ESD. Testing of Emergency shutdown devices. Ensuring all personnel work with safe job analysis and work permits

**References:**

**Iain McClean**

**Head Instrumentation TA**

**North Sea producer MAERSK FPSOs**

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**Glen Herron**

**Lead E&I QA/QC**

**JV BP/Satoil**

**In Amenas Gas Plan Southern Sahara**

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