**Name:**                                 Steven Kilpatrick

**Address:**                               7 Craigston Avenue, Ellon, Aberdeenshire, Scotland UK AB41 9JW

**Telephone Nos:**                   Home: 01358 720391 Mobile: +44 (0)7596 438 682

**E-Mail Address:**                  sk2704@outlook.com

**Date of Birth:**                       14th June 1967

**Nationality**: British

**N.I. No**:                                  NP 10 36 29 A

**Driving License:**  Full

**Certification:**

1991/93 ONC. Instrumentation & Process Control.

1997. SVQ. Level 3 Instrument/Electrical Engineering.

2008 Lloyd’s Internal QMS auditor.

2015 COMPEX Rev2 Ex01, Ex02, Ex03 & Ex04.

2016/17 Higher National Units in; Process Control / Instrumentation Measurement Systems /IT / Engineering Mathematics / PLC’s.

2017 Thames Water Safety Passport

2018. CCNSG Safety Passport.

2018. 17th Edition Wiring Regs Certificate.

2018 HAWKE Certificate on Installation, Preparation and Inspection of the ATEX / IECEx Approved glands.

2018 Pressure Testing Awareness Certificate

2018 Swagelok Installation certificate for SBT

2018 CSCS EUSR card for SHEA Gas sites

2018 National Grid SCO-91 certificate.

2019 Manual Handling Awareness Certificate

2019 Abrasive Wheel Awareness Certificate

**Experience**:

I have over 25 years’ experience in E & I maintenance, construction, pre-commissioning and commissioning in Oil & Gas, Petrochemical, rig repair yards including FPU & FPSO’s, Drilling Rigs both on & offshore at home and overseas allowing me to gather a great deal of training & knowledge in both Brownfield & Greenfield projects, during this period having gained qualifications and experience in the audit & Inspection of ATEX certified equipment. I was also in the waste management sector where I was part of the project engineering team responsible for all upgrades to the Instrument and Control systems.

Since starting in the Oil & Gas sector in 1993 where I carried out calibration on various Pressure, Temperature, Flow and Level Instrumentation from simple pneumatic to sophisticated smart instruments using various control systems e.g. ABB, Honeywell etc., including F&G and ESD equipment testing & verification. Then moving on in 2004 gaining 15+ years of experience in systems management compilation & completion of various certification / documentation databases such as GoC, WinPCS etc relating to onshore and offshore oil and gas Greenfield & Brownfield projects, handing over systems to clients in a constructive manner for completions and close out. Carrying out Asset Integrity audits onshore and offshore. Managing small standalone projects from AFC stage through to handover to client. I deal with all levels of management daily and act as focal point for all E&I engineering queries.

**Employment History:**

**August 18 to Present. AES DSEAR E&I Inspection / Project Completions Lead**

**National Grid – St Fergus.**  Upgrading DSEAR failures on 7 compressors within the National Grid gas site at St Fergus. Some of my responsibilities are to ensure all new equipment installed meets the ATEX DSEAR compliance standards, once installed test and commission along with client ensuring new equipment not only meets the required standards but operates to written specifications and procedures. Advise client on other potential ATEX DSEAR failures along with written reports. Manage project handover / completions ITP’s for client approval and acceptance.

Prepare Risk Assessments and Method Statements along with Construction and Commissioning workpack's / Procedures whilst managing multiple standalone small to medium size Brownfield & Greenfield E, C & I projects.

**Dec 17 – August 18 Z-Tech. Senior E&I ATEX Inspector**

**London**. Part of ATEX Inspection team inspecting all E&I equipment in ATEX zones in various water and power station sites assuring compliance with relevant standards and that all equipment is fit for purpose. Carry out any remedial works found on site and complete reports with recommendations for non-compliant equipment. Moved on to lead ATEX teams ensuring documentation and work scopes completed to standard and company / client expectations.

**April 17 – December 17 London Energy E&I Maintenance Technician**

**London**. Part of E&I maintenance team responsible for all E & I plant maintenance on high temperature boiler systems and FGT’s. Covering breakdowns on all Instrumentation systems on waste recycle plant, Effluent treatment plant and site cranes. Carry out Electrical maintenance work on LV systems. Assisting Instrument and PLC vendors as required on CODEL, VALMET, ABB systems testing all AI, AO, DI and DO cards locally and from the field. Maintain Ph probes for **site exit, effluent treatment and water plant.** Fault finding on electrical motors / pumps / MCC’s etc. Assisting vendor on CEMS (Continuous Emissions Monitoring System). Inspecting any new equipment installed for compliance with company and statutory regs. Focal Point for introduction of completions certification system for all Engineering projects

**August 16 – March 17 Aberdeen College (NESCOL) Student**

**Fraserburgh.** Completed Higher National Units in: - Process Control, Instrumentation Measurement Systems, IT, Engineering Mathematics, PLC’s.

**July 15 – April 16 OPEX Energy Services Limited Instrument Completions Engineer**

**Aberdeen.** Responsibilities were setting up completions' certification suite for all Instrument / Electrical construction, commissioning activities to ensure asset integrity. Setting up ISO9001:2015 Quality Management System for drilling company. Assisting with asset integrity related scopes of work as and when required.

**Dec 13 – July 15 Add Energy Senior Project Engineer**

**Aberdeen, India, Nigeria, Russia, Kent & Offshore.** My role covered asset verification on behalf of operators to carry out audits, surveys & questionnaires on contracting company maintenance and operating performance & to carry out verification on plant status ensuring plant aligns with latest P&IDs, Loop Drawings, Layouts etc. also ensuring that the maintenance databases reflect plant & equipment on site if not Red line drawings to reflect changes. Once audits / verification scopes completed compiling reports with findings to client with recommendations for improvements where required. Populate asset register databases from Loop / Layout / P&ID / drawings and related documentation for allocation of PMR’s. Manage the QA process HACCP.

**April 13 – November 13 Primat / Amec E&I Certification / Completions Engineer**

**City Gate, Aberdeen.** Part of commissioning / completions team on the Bluewater Haewene Brim FPSO populating& managing the Mechanical Completions management database for all E & I construction/commissioning SOW & handover phases for all disciplines. Preparing all construction & commissioning dossiers, site inspection & verification during commissioning activities.

**Oct 12 – April 13 Moody International / BP Instrument WP & GOC Completions Engineer**

**Azerbaijan, Baku**. Compiling Instrument work-packs for offshore construction and completions. Manage GOC database including mentoring trainee engineers. Input into commissioning offshore projects for Instrumentation systems.

**May 12 – Aug 12 PetroPlan / Petrofac Lead Completions Engineer**

**Bridge View, Aberdeen.** Set up GOC completions system for offshore assets for all Instrument / Electrical / Mechanical work-scopes. Manage offshore GOC Engineers. Review work-pack completions for construction / commissioning and handover.

**Dec 08 – April 12 WGPSN Lead Instrumentation / Completions / Close-out Engineer**

**PSN, Dyce Aberdeen.** Reviewing Projects, I&T summary sheets (ITS), work scopes, drawings, job cards and third-party vendor information to approve GOC certification using the BP document UKCS TI-019 and company related procedures. Close-out scopes of work on return from offshore to align with BP’s gate 6 processes within allocated milestone period. Liaise with client & Lloyd’s Register for Verification of completed scopes of work using BP’s gate procedure. Asset Focal Point for BP asset TAR’s onshore and Co-ordinate certification / completions offshore. Review and update internal company procedures to ensure compliance with clients Technical Integrity procedures. Accountable for certification completeness for all offshore scopes of work offshore, update database with completed scopes of work to ensure Technical Integrity has been achieved & proven.

Assist on other BP projects/sites on/offshore where required. Coordinate vendor certification requirements. Review and update company procedures for Certification / IVB / Close Out.

**May 08 – Oct 08 QEDi Instrumentation / Mechanical Completions Engineering**

**Aker Solutions, Aberdeen.** Reviewing work scopes associated with new projects for shutdown on Balmoral Platform. Create Certification Packs (HCP’s) from related work packs updating GOC database to prepare inspection & test summaries (ITS’s) and issuing offshore. Handover work scopes during offshore completion phase to client and ensure timely completion during close out phase. Review certification packs as work progresses through to mechanical completion (MC1) for completeness, assisting DNV for verification throughout commissioning and through to system handover (SH1) to client. Update GOC Dot.Net database on daily basis as work scopes completed; produce daily and weekly reports for management as required. Offshore completions / close-out focal point liaising with contractor & client to resolve any concerns / issues provide updates and ensure smooth offshore close-out achieved prior to sending completed packs onshore for onshore close-out. Liaise with onshore close-out coordinator to ensure all close out objectives are met and completed on time.

**Dec 07 – May 08 Lloyd’s Register Instrumentation Auditor**

**AGIP KCO, Brentford, London. Atrau, Astrakhan, Kazakhstan.** Reviewing work scopes in preparation for on-site audits as part of Asset Integrity Assurance group on Caspian Sea EP project for AGIP KCO. Ensuring contractors and vendors were complying with statutory regulations and company performance standards.

**Oct 06 – Nov 07           Orion Engineering               Instrument / Mechanical Completions Engineer**

**Amec Oil & Gas, Quattro House, Aberdeen BG Maria Project.** Reviewing work scopes associated with new projects for topsides and sub-sea module separator, Extra Living Quarter (ELQ), campaign work scopes & shutdown (TAR) scopes for BG Armada. Compiling GOC Handover Certification Packs (HCP’s) from related work packs updating GOC database to prepare inspection & test summaries (ITS’s) and issuing offshore. Handover work scopes during offshore completion phase to client and ensure timely completion during close out phase. Review certification packs as work progresses through to mechanical completion (MC1) for completeness, assisting Lloyd’s for verification throughout commissioning and through to system handover (SH1) to client. Update GOC database on daily basis as work scopes completed, produce daily and weekly reports for management as required. Offshore completions / close-out focal point liaising with contractor & client to resolve any concerns / issues provide updates and ensure smooth offshore close-out achieved prior to sending completed packs onshore for on-shore close-out. Liaise with onshore close-out coordinator to ensure all close out objectives are met and completed on time.

**May 04 – October 06    Wood Goup Engineering                Mechanical Completions & E&I Commissioning Engineer**

**Wood Group Alliance Centre. BP Dyce, Schiehallion FPSO.** Compiling Certification, Commissioning, Handover Packs (CCHP’s) for BP Projects. Review I&T matrix sheets, work scopes, drawing’s, job cards and third-party vendor information to create GOC certification from BP document UKCS TI-019 and company related procedures, this allows the asset to demonstrate that the minimum acceptable level of documentation that is required to demonstrate technical integrity has been acceptably achieved and / or reinstated following the completion of project and / or maintenance activities. Issue handover numbers using system Mnemonics, Close-out CCHP’s on return from asset within the given KPI targets. Update system trackers; provide daily weekly reports to Business Unit Focal Points as required. Liaise with Lloyd’s surveyors for technical integrity issues; attend meetings with client as required. Visit offshore assets to review and report on completed work scopes relating to commissioning / certification. Carry out Inspections ensuring completed systems and equipment were compliant and fit for purpose for various new systems associated with topside, utilities & accommodation projects. Liaise with construction for timely completion of construction work scopes, acceptance of MC1 certification, resolving any construction / pre-commissioning issues and punch out systems. Attending factory acceptance tests (F.A.T.) for 3rd party contractors. Manage vendors on site.  Liaise with client for site acceptance tests (S.A.T.) Commission projects through to SH1 for client handover ensuring all targets have been acceptably achieved.

**Aug. 00 – Mar. 04 Wood Group Ltd Instrument Maintenance Technician**

**BP-Amoco- Montrose Alpha Offshore**.  Part of core maintenance crew looking after all plant Instrumentation, Metering and Vendor equipment such as RUSTON Water Injection turbines, SOLAR turbines.

**Feb.00 - July 00        AMEC Process & Energy.**                   **Instrument Pre-and Post-Commissioning Technician**

**BP-Amoco Chirag 1, Azerbaijan, Russia**.  Commissioning new seawater injection package using WICS plc system. Including commissioning ALSTON gas turbines and full system handover to client.

**Dec.99 - Jan.00          Wood Group Ltd.                    Instrument Construction / Commissioning Technician**

**BP-ETAP Offshore**.  Construction and commissioning new production well using Baileys DCS.

**Sept. - Dec.99            ABC Corries Ltd.**                                     **Instrument Pre-and Post-Commissioning Technician**

**Smedvig-West Navion, Sandness, Norway.** Loop checking and final commissioning work on deep-water drill ship back to Simrad AIM 2000 control system.

**Aug. - Sept.99           Macgregor Energy Ltd.**                                      **Instrument Pre-Commissioning Technician**

**Kerr-McGee, Janice FPU Offshore**. Installation and commissioning new and existing control valves for chemical injection skid.

**Deutag Rig 140, M.I.L Gt.Yarmouth**.  Setting up and testing Cerberus and Detcon F & G Package.

**July - Aug.99           AOC Int.Ltd.**                                                    **Instrument Pre-Commissioning Technician**

**BG - Neptune & Cleeton Modules, Ardesier, Inverness.**  Testing platform ESD, PSD, F & G and HVAC Instrumentation to ABB-ICSS and ECA-Intouch systems.

**April - July 99          NES Ltd.   &   Brunel Ltd.**                                   **Instrument Pre-Commissioning Technician ESSO - Balder Port Glasgow and BP-Finnart.** Testing ESD, PSD, F & G and HVAC Instrumentation to ABB Master Advant 500 system on drill ship. Compile all documentation relating to workscope activities.

**March - April 99       James Scott.**                                                                   **Instrument Pre-Commissioning Technician**

**Bluewater - Bleo-Holm, Clydebank.** Commissioning topside and ballast Instrumentation on FPSO.

**Aug.98 - Feb.99         Wood Group Ltd.                                                      Electrical / Instrument Maintenance Technician**

**Shell Brent Delta Offshore.** General platform maintenance duties and involved with enhanced voidage project

commissioning oil & gas wells back to Honeywell TDC 3000.

**Aug.98                       Morson Int. Ltd.**                                                      **Instrument Commissioning Technician**

**Exxon-Ethylene plant, Mossmorran, Fife.** Commissioning duties during de-bottleneck and turnaround project back to Honeywell TDC 3000-control system.

**June – July 98          Harland & Wolff**  **Instrument Pre-Commissioning Technician**

**H & W Shipyard, Bideford Dolphin, Northern Ireland.** Testing drilling ship F&G cause and effects. Commissioning all instrumentation associated with topsides and ballast control including Siemens PLC MCS

**Aug.97 – June 98        Kvaerner Redpath**  **Senior Instrument Technician**

**BP-ETAP, Methil, Fife**. Final commissioning of instrumentation back to Baileys DCS. Prepare reports for engineers, update technical records via WIN PCS and prepare daily tasks for technicians.

**Feb. – Aug.97             AOC Int. Ltd.**                                                           **Instrument Commissioning Technician**

**British Gas – Armada, Offshore.** Duty was control room operator for all commissioning activities using ABB Master Advant 500 control system during hook-up. Responsible for system handover to client.

**Sept. – Feb.97         Thistle technical Services.**                                                   **Instrument Commissioning Technician**

**British Gas – Armada, Methil, Fife.** Compile certification for all commissioning activities. Testing platform SCS, PSD and F&G cause and effects. Commissioning ABB High Sensitivity Smoke Detection system.

**Aug..96                      Morgan Moore Engineering.**  **Electrical / Instrument Commissioning Technician**

**Shell Brent Charlie Offshore.** Re-wiring platform marshalling cubicles and testing same using TDC 3000.

**May – July 96          Wood Group Ltd.**  **Instrument Maintenance Technician**

**BP – Miller Offshore.** Carrying out platform maintenance duties and breakdownas required.

**Nov. 95 – April 96    AMEC Process & Energy** **Instrument Commissioning Technician**

**Shell Cormorant Alpha Offshore.** Loop-checking and commissioning of instrumentation and completion of related documentation for handover. RTU (CAPO) and F&G DCS Interface testing to Honeywell TDC 3000.

**Sept.  – Oct. 95         Wood Group Ltd.** **Instrument Maintenance Technician**

**Amoco-Arbroath Offshore.**  Carrying platform maintenance duties and breakdowns as required.

**Sept. 95                      AMEC Process & Energy.** **Instrument Construction Technician**

**Shell-Dunlin’ A’ Offshore.** Testing and pre-commissioning HVAC fans and dampers. Assist operations when required.

**Oct. 94 – Aug.95       Wood Group Ltd.**  **Senior Instrument Construction Technician**

**Amoco-Montrose/N.Everest, BP thistle’s’, Enterprise-Nelson offshore.** Carrying out planned and breakdown instrument repairs on control and monitoring loops. Installation, testing of new ESD valves

**Feb. – Sept.94           AMEC Offshore                                                         Instrument Commissioning Technician**

**Shell-Dunlin’ A’ Offshore.** Involved in pre-commissioning of platform alarms back to Honeywell TDC 3000.

**Jan. 94 – Feb 94        Booth Welsh** **Instrument Construction Technician**

**St. Fergus, Peterhead**.  Sage gas project phase 2 involved in installation and loop-checking instrumentation.

**May 93 – Jan. 94       Wood Group ltd.**  **Instrument Maintenance Technician**

**Shell Brent Charlie, BP Magnus/Millar Offshore.** Carrying out platform maintenance duties and

Breakdowns as require on Brent’C’ then to BP Magnus for installation of 5th water Injection pump.

**Mar. 87 – Apr. 93     Giscol Engineering Limited.Giscol Engineering & Leith Nautical College, Edinburgh.**

Employed by iron and steel works training in all aspects of plant process and Instrumentation maintenance including pre-cals, cals and related documentation. Completed NC in Industrial Measurement & Process Control. SVQ Level 3 in Engineering

**References available upon request.**