**Lee Normington**

**Electrical Commissioning / QA / QC Coordinator/ Project Coordinator**

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07738112237

**PROFILE**

A highly motivated Electrical Commissioning Technician who has experience of working with High and Low Voltage Electrical Systems. Qualified to Manage, Switch and Isolate up to 15kv, being fully competent in Lockout/Tagout procedures for Permit to Work systems. Having a vast amount of experience both On/Offshore in Commissioning, Pre Commissioning, Inspection & Testing and EX inspections. Technically able to read and interpret Schematic, P&ID and Single Line drawings. Offshore Certification up to date.

**EMPLOYMENT HISTORY**

**Feb 2019 - Present**

**Electrical Commissioning Engineer**

**M&W Group**

**Shepperton EFW Suez**

Working within a Commissioning Team of Engineers on a new Energy from Waste Project.

Working to Commissioning procedures carrying out all Inactive/Active Commissioning checks and Energisations of all Electrical equipment site wide including MCC’S and MDB’S.

Attend daily Commissioning meetings to discuss planned work scope and carry out Tri party walk downs for system handover.

Assisting the Siemens Vendor carrying out all the programming of the VSDS and VFDS and then working with the Mechanical team to carry out a bump test on each motor to confirm correct rotation before we carry out a no load run/ load run monitoring the Amps /Voltage in line with the Commissioning procedures.

Proving the profibus network functions correctly from local and DCS Control and carrying out I/O checks back to the DCS.

Working with BLB Controls to input all the required protection parameters for the Siemens Simocode pro protection devices located within the MCC’S for all the DOL motors.

All aspects of Electrical testing before the energisation of any site/ field equipment including Continuity, Insulation Resistance, Earth loop Impedance, PEFC, PSC, phase rotation.

**March 2018 – Feb 2019**

**Electrical Commissioning Engineer**

**M&W Group**

**Hull EFW Engie Works**

Working within a Commissioning Team of Engineers on a new Energy from Waste Project.

Working to Commissioning procedures carrying out all Inactive/Active Commissioning checks and Energisations of all Electrical equipment site wide including MCC’S and MDB’S.

Attend daily Commissioning meetings to discuss planned work scope and carry out Tri party walk downs for system handover.

Working with the Siemens Commissioning Team to carry out all the required Electrical Tests associated with the 30MW Steam Turbine which Included Over Current, Earth Fault, Thermal Overloads and Differential Protection between CT’S.

Assisting the ABB Vendor carrying out all the programming of the VSDS and VFDS and then working with the Mechanical team to carry out a bump test on each motor to confirm correct rotation before we carry out a no load run/ load run monitoring the Amps /Voltage in line with the Commissioning procedures.

Proving the profibus network functions correctly from local and DCS Control and carrying out I/O checks back to the DCS.

Working with Cepha Controls to input all the required protection parameters for the Siemens Simocode pro protection devices located within the MCC’S for all the DOL motors.

All aspects of Electrical testing before the energisation of any site/ field equipment including Continuity, Insulation Resistance, Earth loop Impedance, PEFC, PSC, phase rotation.

**January 2017 – March 2018**

**Electrical Commissioning Engineer**

**Balfour Beatty**

**TMF Capenhurst**

Working within a Commissioning Team of Engineers on a Uranium Enrichment Facility, carrying out all Inactive Commissioning checks and Energisation of all electrical equipment site wide.

Balfour Beatty ESSW LV Authorised Person | Jacobs ESSW LV Nominated Person

Witnessing Vendor Site Acceptance Testing of Major 400V Switchboards.

Carrying out Site Acceptance Testing of Utility 400V Switchboards.

High Pressure Flash Testing of Switchboard Bus Bars and Point to Point wiring checks of all Switchboard Cubicles.

Programming VSD’s and proving functionality of drives.

Carrying out Rotation Checks of all Motors, Pumps and Agitators on site.

Energisation of Lighting and Small Power Distribution Boards.

Attending daily meetings to discuss and plan Energisations.

Liaising with the Mechanical on the decoupling and disconnection of Mechanical equipment.

Liaising with the Instrument team for loop checking from energised switchboards during Commissioning.

**October 2016 – December 2016**

**QA / QC Coordinator**

**Sabic North Tees Works**

Reporting to the Quality Manager ensuring all related documentation are all satisfactory prior to handover to the client.

Managing Quality Assurance and Quality Control (QA/QC) and conducting regular Engineering and Installation

Inspections to ensure high standards are maintained and requirements met

Establishing work packs and isolations in addition to coordinating the required PTW to facilitate the completion of

All Quality Inspection and Documentation

Coordinating the Punch List Team in order to clear outstanding Electrical and Mechanical Systems

**June 2016 – October 2016**

**Project Coordinator**

**Spie**

**Air Products Tees Valley 1**

Supervising a multi discipline team of Electrical & Instrumentation Technicians, Pipefitters, Apprentices and Craft Assistants for a large E&I Project.

Isolating Authority up to 11KV.

Organizing the daily workload for the team.

Preparing Permits, RAMS and issuing daily Tool Box Talks.

Reviewing and executing project work scopes, within allocated man hours.

Completion of all handover documentation in preparation for handover to the client.

Holding Tri-party walk downs for system handover of completed electrical systems.

**May 2016 – June 2016**

**Electrical Commissioning Technician**

**Aker**

**The Solan Project**

Working within a large team carrying out all Commissioning activities on the Offshore Platform, reporting directly to the Commissioning lead, liaising with Engineers, attending daily meetings to coordinate Commissioning priorities.

Working to ISSOW.

Commissioning of the new PAGA System.

Carrying out rotation checks, uncoupled/coupled runs on Motors.

Commissioning of Vendor packages across the platform, liaising with Mechanical and Instrument Technicians for Dynamic Commissioning.

Proving the functionality of Interface signals and Trips back to DCS with Instrument team.

Pre-commissioning and commissioning of lighting and small power circuits in accommodation areas.

Carrying out walk-downs of all electrical systems with Construction Management, raising punch-list items when required.

**April 2014 – May 2016**

**Senior Electrical Commissioning Technician**

**Air Products**

**Tees Valley 1**

Working amongst an established Commissioning Team for one of the world’s largest Energy from Waste Gasification plants. Duties included managing aspects of Commissioning, starting up of various electrical equipment and systems and supporting Operations throughout plant validation.

QFA Qualified Fully Authorised

Low Resistance Ductor Testing

HV/LV Isolating Authority

10kV Insulation Resistance testing

HV Switching up to 15kV

Primary / Secondary Injection testing

11kV, 6kV, 415V Switchboards & Transformers

High Potential Pressure testing up to 19.3kV

AC/DC Motors, Rotation Checks & Load Runs

DCS Loop Checks

Siemens Gas Turbines

Current Imbalance Checks on CT’s

Emergency Diesel Generators

Programming both VFD’s and VSD’s

UPS Systems & Battery Charging Units

Cold checks on MCC’s working with single line drawings.

**May 2012 – April 2014**

**Senior Electrical Technician**

**Dron & Dickson**

**Numerous Offshore Platforms**

Visiting numerous Offshore Platforms, performing Ex Inspections and Commissioning checks on behalf of the client.

Initiating and developing Ex registers, accurately logging all relevant information and creating work packs and completions. Ensuring consistent compliance to all relevant policies, procedures and regulations, including Health and Safety legislation, to safeguard to the well-being of all personnel

Carrying out Visual, Close and Detailed CompEx Inspections on a variety of items and cabled systems including

Instrument Junction Boxes, Glands, Atex approved lights and Atex approved Socket Outlets

Rectification carried out on failed inspections or instruction issued for the work to be re-issued/rectified

**September 2000 – May 2012**

**Electrical Technician**

**Brittain Electrical**

**LV Shipping**

Working on the Construction and Commissioning of numerous offshore projects, including Drilling Waste and Accommodation modules, Vendor Packages and Skids.

Constructed and Inspected to ATEX standards

Carrying out Factory Acceptance Testing (FAT)

Producing Inspection, Testing and Certification

Installing, Maintaining and repairing Electrical Wiring, Equipment and Fixtures

Providing onsite support to clients, when required, carrying out fault finding and troubleshooting

**QUALIFICATIONS & PROFFESSIONAL TRAINING**

HNC Qualification - Currently Studying at Teesside University 2015-2017

UK Bosiet

High Voltage Switching S4 Course (15kv)

UK Medical

CompEx EX parts 01-04

MIST

City & Guilds Inspection & Testing 2391

PTW / ISSOW

17th Edition Wiring Regulations

EMSS Safety Passport

AM2 Competence Assessment

CCNSG Passport

JTL Advanced Modern Apprenticeship

City & Guilds 2330 Level 2 & 3 in Electrical Installation

**References**

Scott Mudie

Lead Electrical Commissioning Engineer

Balfour Beatty

07715914111

Vince Jones

Lead Commissioning Engineer

EFW Hull

07376586765

Friedbert Fahrer

Lead Electrical Commissioning Engineer

Air Products TV1

07626365869