

CONTACT

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SKILLS

- Smart Plant Instrumentation (SPI) 3D modelling review
- DBMS and creation of macros
- AUTOCAD
- MS Access

LANGUAGES

English



French



German



Spanish



Arabic



EDUCATION

BACHELOR OF ENGINEERING (B.E.), INSTRUMENTATION

Aug 2007 - Jul 2012

Saint Peter's University Jersey City, NJ

Anderson Buckland

INSTRUMENTATION ENGINEER

SUMMARY

Professional Instrumentation Engineering with 7 years of work experience in nuclear & water industry engineering. Able to prioritize, organize work and meet deadlines. Strong oral and written communication skills. Ability to work independently. Self-motivated, with the ability to manage changing priorities.

EXPERIENCE

DESIGN ENGINEER - E & I

Apr 2019 - Present

JOHNSON CONSULTING ENGINEERS LTD.

- Waste water / ETP/WTP project engineering that includes P&ID review/finalization, preparation of basic study/concept note, system configuration.
- Preparation of material requisition, specifications, technical bid evaluation for PLC, DCS & ESD System.
- Complex loop and logic development as per cause and effect diagram. Familiar with various protocols like Modbus TCP-IP, Foundation Fieldbus, HART, Ethernet, Profibus, etc.
- Preparation of instrument specification, TBE for field instruments like safety valves, various flowmeters, analyzers, control valves, etc.
- Preparation of field instrument layout and cable engineering like cable tray layouts, cable schedules, interconnection schedule/diagrams.
- Cross function competency

PROPOSAL ENGINEER

May 2018 - Mar 2019

MET TECH LTD

- Supporting proposal activities for various project bids
- Tendering including analysis of technical specifications, preparing comments/deviations, estimating time requirements, risk identifications, etc.
- Preparation of techno-commercial offers
- Provide necessary technical procurement assistance in compliance with tender specifications/data sheets and within budgeted man-hour and project schedules
- Interacting with customers/consultants on technical requirement
- Experience on the preparation of instrument specification/ datasheet/IO list and instrument index from PID/Engineering documents
- Preparation of control system and shut down system enquiry specification
- Liaise internally with different departments to ensure proper execution of the bids Knowledge of all relevant standards.

ASSOCIATE ENGINEER

Dec 2014 - Apr 2018

ALEN CONSULTING ENGINEERS LIMITED

- Responsible for Instrumentation detailed engineering for Nuclear Industries
- Preparation of the Engineering Master Document List and identify the scope of work
- Review process datasheets, Piping Material Specifications, Piping & Instrumentation diagrams, Instrumentation Design Report, General Arrangement (GA) drawings, Fire and Gas Detector Layout, CCTV & EPAX

