Nithin

Nithin.318005@2freemail.com

**Objective**

To grow in an organization that gives me opportunities to learn more and at the same time, explore my creativity, and allow me to add value to the organisation.

**Professional Experience**

Designation: Electrical Engineer

Company: SCHENCK PROCESS at Ritz Heavy Equipment Company, Dubai from 2014 May till August 2016.

**Job Responsibilities**

* Designing, developing new control system and maintaining and modifying existing systems
* Managing operations like **Installation, Commissioning, Calibration and Maintenance** of different types of weighing and feeding equipment like **weighfeeders, beltweighers, SFM, weigh bridges** etc.
* Checking electrical wirings with available electrical drawings
* Checking load cells, speed transducers, motor drives etc.
* Checking relays, emergency switches
* Establishing communication between the control system and client’s PLC through fieldbus (Modbus, Device net, Profibus etc.) and hardware modules.
* Working collaboratively with design engineers, operation engineers, purchasers and other internal staff
* Liaising with clients, suppliers, contractors and relevant authorities
* Troubleshooting and problem-solving
* Understanding and ensuring compliance with the health and safety regulations and quality standards of the country in which work is undertaken
* Providing advice and consultancy support and handling the inventory
* Writing computer software
* Developing new business proposals

**Critical Projects Completion**

* Installation, commissioning and calibration of gypsum and lime stone weigh feeders in Fujairah cement industries.
* Commissioning and calibration of Solid flow meter in Binani cement factory.
* Commissioning and calibration of weighbridges in National cement company Dubai.
* Maintenance of control system in Sharjah cement factory.
* Installation, commissioning and calibration of coal weigh feeders and weighbridge in SULB Bahrain (SMS Concast), Bahrain.
* Replacement of old control system with new one in Sharjah cement factory.
* Maintenance and calibration of coal feeding belt weighers in DUBAL Dock.
* Maintenance of DRI weighfeeders in National Steel, KSA.
* Inspection and commission of weighfeeders in Al Rasheed cement Riyadh.
* Replacement of control systems with new ones in Tabuk cement under Sinoma in Tabuk.
* Installation, commission and calibration of weighfeeders, belt weighers, bin weighers, solid flow meters etc. in Eastern Province Cement under Thyssenkrupp.
* Replacement of load cells and controller for solid flow meter in Fujairah cement industries.
* Installation, commission and calibration of solid flow meters for kiln feed in Union Cement Company, RAK
* Installation, commission and calibration of solid flow meter for kiln feed in Lafarge Emirates Cement, RAK
* Maintenance of DRI weighfeeeders and belt weighers in National steel, KSA
* Inspections and making new proposals according to client’s requirement in different reputed companies all over in Middle East.

**Technical Skills**

Certified in **‘AutoCAD 2012 and AutoCAD Electrical 2012’**

Certified in **“Post Graduation Diploma in Industrial Automation (PGDIA)”** by **Technocrat Automation Solution Pvt. Ltd**

* Programming in PLC (Programmable Logic Controller).
* Designing and Working with SCADA (Supervisory Control And Data Acquisition).
* Working knowledge with DCS (Distributed Control Systems).
* Working knowledge of Closed & Open Loop Systems.
* Troubleshooting of various field instruments.

PLC : Allen Bradely (RS Logix 500)

.. ABB (AC1131)

. Siemens (Step 7 Microwin32)

 Keyence (KV40R)

 Omron (CX Programmer)

 GE Fanuc (VersaPro)

SCADA : Wonderware Intouch

 Intellution Fix32

DCS : ABB800M (Control Builder)

 Honeywell (Plantscape Vista)

* Languages : C Programming
* Microcontroller : 8051, 8085
* Platforms : Windows 98/XP/W 7/W8
* Office tools : MS office - Word, PowerPoint, Excel, Internet and Email.

**Academic Profile**

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| --- | --- | --- | --- | --- |
| **Course** | **Institution** | **Board /****University** | **Year of pass out** |  |
| **B.Tech** EEE | MGUCE, Muttom | MG UniversityKottayam, Kerala |  2012  |  |
|  **12th standard** |  AKJMHSS Kanjirapally, Kottayam | Board of higher secondary examinations, Kerala | 2008 |  |
| **10th standard** |  AKJMHSS Kanjirapally, Kottayam |  SCERT, Kerala | 2006 |  |

**Projects and Seminars**

**Title:** Automatic Load Share for Electric Devices

**Title:** A Linear Permanent Magnet Generator for Powering Implanted Electronic Devices

**Personal Information**

Date of birth : 5th May 1990

Nationality : Indian

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Marital Status : Single

Languages Known : English, Malayalam, Hindi, and Tamil.

Hobbies & Interests : Movies, Travelling, Net Browsing, Music, Driving, Reading