

ARUN KUMARAN YUVARAJ
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SENIOR LEVEL PROFESSIONAL

*Multi-faceted professional targeting assignment in **Electrical/Instrumentation and control Maintenance Operations** preferably in **Tamil Nadu/Bangalore/Southern Regions of India***

CORE COMPETENCIES	PROFILE SUMMARY
~Maintenance Operations~ ~Erection & Commissioning~ ~Liaison & Coordination~ ~Spare Parts Management~ ~Manpower Management~ ~Predictive/Preventive Maintenance~ ~SAP PM Module Implementation~ ~Maintenance Planning~ ~Safety Regulations~	<ul style="list-style-type: none"> A result-oriented professional with 12.5 years of experience in Erection & Commissioning, Maintenance Operations of Electrical and Instrumentation systems. Proficiency in DCS (Distributed Control System) programming and hardware networking of ABB 800XAINSTALLER Systems. Possess insightful knowledge of SAP PM Module and authorized to take decisions for the same. Exposure to Preventive/Predictive /Corrective maintenance, Spares Management, Installation & Commissioning, MTTR +MTBF + FMEA + RCFA Proficiency in administering projects like, Plant Automation of ABB 800XA(DCS System), LOESCHE VRM (56.3+3 CS) HT Motors , LT Drives,Transformers,66/6.6KV Switch Yard, MCC/PMCC commissioning and all electrical maintenance operations of a plant Skills in managing the commissioning of Belt Conveyors, Bucket Elevators, Packer & Truck Loading machines, Gas analyzers, weigh feeders etc. Capabilities in conducting systematic analysis of maintenance (MAC) and implementing the same to make the system operational A proactive learner & negotiator with skills to analyze and interpret unique problems; brings in a combination of training experience and logical thinking to find the right solution.

ORGANIZATIONAL EXPERIENCE

Since Jul'08 - Nov'19 Maintenance Growth Path: Jul'08-Jul'09 Jul'09-Jul'10 Jul'10-Jul'12 Jul'12-Jul'15 Jul'15-Nov'19	ACC Ltd. (LafargeHolcim Group), Bangalore as Deputy Manager In-Charge for Plant Automation (DCS) & Plant Electrical/Instrumentation Apprentice Engineer Jr. Engineer Sr. Engineer Asst. Manager Deputy Manager
Since Nov'19 - Jun'20	SHREE DIGVIJAY CEMENT CO Ltd, Jamnagar, Gujarat as Manager (Electrical And Instrumentation) In-Charge for Plant Electrical/Instrumentation operation and maintenance.
Since Jul'2020	TEEO INDIA PRIVATE Ltd, Bangalore, Sr. Manager Projects (Mechanical & Electrical And Instrumentation) Heading Turnkey projects planning and execution (Project Planning to Commissioning)

Key Result Areas:

- Heading Project planning to commission for turnkey projects (design to erection/commissioning).
- Headed integrated cement manufacturing unit including WHR (waste heat recovery system of 9MW capacity).
- Handled plant automation system consisting of **ABB 800XA INSTALLER DISTRIBUTED CONTROL SYSTEMS (DCS), FLS PLC RSLOGIX500 + SCADA system.**
- Performing functions of troubleshooting & breakdown / preventive / shutdown maintenance for bringing down downtime for electrical as well as process control instruments to a minimum level
- Preparing maintenance schedules; conducting regular calibrations to ensure performance capacity of various process control equipment
- Executing manpower planning, planning and procurement of spare parts, inspection of material and machinery
- Contributing in designing maintenance strategies, procedures and methods by providing suggestions and ideas to the Planning Department at site for reducing the cost and improving the performance & profit
- Monitoring and improving maintenance processes and personnel performance to achieve enhanced levels of efficiency
- Ensuring **periodic** and **preventive maintenance** are appropriately scheduled & accomplished and emergency troubleshooting & maintenance support are readily available
- Rendering support for the maintenance of major equipments like **KILN, BALL MILL, VRM (Vertical Roller Mill), Wagon Tippler, Packaging machines and manual truck loading machines etc..**
- Managing calibration of instruments like Weigh Feeder, Pfister-Roto Scale, Metal Detector, Belt Weigher, Level Transmitters and others
- Conducting commissioning of **250TPH VRM Cement Mill (Loesche 56.3+3 SC) HT Motor, Transformers and 16 Spouts Double Discharge Packers (EEL) and Truck Loading Systems supplied by EEL**
- Accommodating the energy safety working procedures (**LOTOTO**) for operating & maintenance of equipment
- Focusing more on energy conservation techniques with the motive of optimizing energy consumption further increasing production
- Spearheading the responsibility for erection & commissioning of all electrical equipment through fulfilling all relevant safety, protective and mandatory requirements
- Directing, monitoring and rendering support to the team members towards improving reliability maintenance, quality and productivity
- Introducing various energy saving initiatives in Projects
- Supervising and improving maintenance processes & personnel performance to achieve enhanced levels of efficiency

Highlights:

- Certified by **M/SABB ltd** for successful completion of training on ABB DCS and succeeded commissioning of the **DCS (ABB 800XA INSTALLER).**
- Certified by **M/S LOESCHE Germany** on successful completion of the **LOESCHE VRM** operation and maintenance course.
- Handled and succeeded the Project & Commissioning of **LOESCHE VRM MILL Motor , BHEL 5400 KW Slip Ring Induction Motor , Capacity of 250tph**
- Handled and succeeded the Project & Commissioning of **Bag House Motor, BHEL 3300 KW Slip Ring Induction Motor.**
- Succeeded in the completion of erection & commissioning of the **240TPH 16Spouts double discharge Rotopackers of M/S EEL India** and truck loading machines.
- Successfully upgraded roto-packer controller with **UNIPULSE** controllers for 16spout packaging machine.

- Certified as **Internal auditor** for **ISO14001, 18001 & 50001** systems by LQRS Bangalore and currently doing the internal audits for ACC Ltd
- Handled installation & Calibration of Instruments like **Weigh Feeder, Pfister-Rotoscale, Metal Detector, Belt Weigher, Level transmitters** etc.
- Expertise in planning & executing the major shutdown electrical maintenance with safety
- Reduced downtime of electrical equipments through measures such as RCFA analysis, predictive maintenance & by preventive actions implementation
- Pivotal in streamlining processes through measures such as , MTTR + MTBF + FMEA + RCFA & maintaining plant KPI's
- Conducted preventive, predictive, corrective, breakdown and shutdown maintenance at ACC Limited, TCW

ACADEMIC QUALIFICATIONS

- **B-tech in Instrumentation and control engineering** from **ADARSH MANAGEMENT INSTITUTE OF INDIA**, Bangalore, Karnataka with first division in 2014.
- **Diploma in Instrumentation and control engineering** from CIT sandwich Polytechnic College, Coimbatore, Tamil Nadu with first division in 2008.

APPRENTICESHIP

Role:	Apprentice Engineer
Period:	Jul'08-Jul'09
Organization:	ACC Cements, Jamul Cement Works, Chhattisgarh

IT SKILLS

Operating System:	Windows 7/8/10/XP/Vista
Application Software:	MS-Office (Word, Excel and PowerPoint)
Others:	DCS systems (ABB 800XA), SAP-PM Module, Internet Applications

PERSONAL DETAILS

Date of Birth:	23 rd August 1989
Languages Known:	English, Tamil, Hindi and Kannada
Address:	S/o TP Yuvaraj, Door No.605G, Vadakku Thottam, Thoppampattianur, Annur Mettupalayam post, Annur via, Coimbatore-641653, Tamil Nadu.