



Shabry Samoon

Project Engineer, Expert in Industrial Automation

My primary focus in any business to deliver results, top notch reliability, & rock solid dependability towards achieving organizational strategies & objectives. I strongly believe the relentless learning, continuous improvement and innovative mindset are the key drivers to the success in any business.

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📍 Kandy, Sri Lanka

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WORK EXPERIENCE

Project Engineer (Electrical & Automation) Siam City Cement (Lanka) Ltd

12/2016 – Present

Galle, Colombo & Puttalam

Responsible for project management of assigned projects and execution of electrical and automation installations of internal projects in Galle grinding facility, Puttalam fully integrated cement manufacturing facility and Colombo terminal dispatch unit of Siam city cement (Lanka) Ltd. Responsible for timely delivery, within the budget of the internal projects maintaining the quality of the delivery

Achievements/ Tasks

- As in the role of project manager, successfully completed of plant control system upgrading project (Siemens PCS7) including Servers, Workstations, Project value is 60MM LKR, The raw mill grinding was taken re-engineered to integrate to plant control system.
- As in the role of project manager successfully completed the project of "Replacement of Industrial Elevator" for 9 stories, 60m pre-heater tower. Project budget is 40MM LKR
- As in the role of project manager, successfully executed installing 1000kW slip ring induction motor in Galle cement grinding facility for the Cement Mill #1, Project included Civil construction, Mechanical and Electrical installation. Project value: 46MM LKR
- As in the role of electrical engineer, contributed towards successful execution of the project "GCW: Grinding capacity expansion" project in Galle harbor. Project budget 2250MM LKR. Project included installation of 70t/hr capacity grinding unit (LOESCHE GmbH), Modifications of the existing packing plant, Modifications in infrastructure, Augmentation of power supply to the plant
- As in the role of electrical engineer for the "Palletizer installation project" in Galle cement grinding facility in 200t/hr capacity successfully executed the electrical installation of the project, Project value 310MM LKR
- As in the role of electrical engineer for the "Palletizer installation project" in Puttalam cement grinding facility in 120t/hr capacity, successfully executed the electrical installation of the project, Project budget 340MM LKR

Planning Engineer Holcim (Lanka) Ltd.

06/2016 – 12/2016

Puttalam

Identification of maintenance jobs and prioritizing the jobs. Planning manpower and material for preventive and corrective maintenance activities of the automation and instrumentation area in a fully integrated cement manufacturing facility in Puttalam. Scheduling the maintenance activities and following up the material delivery, manpower and machinery available for the jobs Monitoring the quality of the jobs and completion of the feedback process

Achievements/ Tasks

- Successful implementation of maintenance plan for plant control system development of maintenance plan in an excel tool for easy scheduling for weekly plan
- Execution of development of FMEA (Failure Mode Effective Analysis) for control and instrumentation area of the plant
- Development of requirements for the CAPEX for Maintenance of the plant control and instrumentation area

SKILLS

Project Management



Maintenance Management



Microsoft Excel/ Microsoft Project



Electrical drawing (Eplan P8, Siemens Simaris)



SAP (PM and PS Modules)



Autocad



CERTIFICATES

Project Management Professional Prep. Program (2016)

Project Management Solutions, Sri Lanka

Regional Project Manager Seminar (2015)

Holcim Technology Ltd, Thane, India

Executive Leadership Development Programme (2014)

Postgraduate Institute of Management, University of Sri Jayawardenapura

Electrical and Automation Engineer Course (2013)

Holcim Group Support, Holderbank, Switzerland

HONOR AWARDS

Presidents Scout Award (06/2016)

Sri Lanka Scouts Association

Star of the Function Award (2014 – 2016)

Holcim (Lanka) Ltd. Colombo - 03

- Star of the function awards for year 2014, 2015, 2016

ORGANIZATIONS

Project Management Institute, USA (2018)

Membership No. 5579876

Institute of Engineers, Sri Lanka (2012)

Associate Member No. AM-16014

Institute of Electrical and Electronics Engineers (IEEE) (2012)

Membership No. 93022023

WORK EXPERIENCE

Electrical Engineer (Control & Instrumentation)

Holcim (Lanka) Ltd

10/2011 – 02/2016

Puttalam

Automation and Instrumentation Engineer, Working on fully integrated plant automation system based in Siemens S7 300 and S7 400 PLCs. Programming, maintenance, troubleshooting automation system, Execution of automation and instrumentation related maintenance activities and provide inputs for the maintenance activity planning and prioritizing. Planning and execution of modifications in the plant control system and instrumentation system during the CAPEX projects

Achievements/ Tasks

- Successfully executed the automation of raw mill area, (46Nos of Motors, 2Nos of variable frequency drives, profibus communicated weigh feeders and instrumentation). Responsible for the development of PLC program (Siemens S7-400) and HMI (WinCC flexible), Designing the control panel and supervision of the overall execution of the project. Project value 15MM LKR
- Successfully executed the automation and instrumentation work packages of internal CAPEX projects such as BS2 silo activation, installation of chloride bypass, installation of alternative raw material feeding system
- Successfully completed PLC programming for numerous process optimizations in collaboration with plant process engineering team such as optimization of the feed of alternative fuel feeding system, optimization of temperature controls in clinker thermal process, Bag filter operation optimization in cement grinding

EDUCATION

MSc. Industrial Automation

University of Moratuwa

12/2016 – Present

Moratuwa, Sri Lanka

Courses

- Industrial Automation Concepts, Industrial drives, Robotics technology, Sensor Technology, Control strategies and optimization methods. PID loop tuning and fuzzy control implementation
- Research: "Optimization of Feed Rate of Ball Mill Grinding Circuit in Cement Manufacturing" - In this research it is identified the feed optimization parameters and applying the suitable control strategies and analyzed the performance

BSc. Eng. Electrical and Electronics Engineering

University of Peradeniya

03/2007 – 09/2011

Peradeniya, Sri Lanka

Courses & Research

- Engineering Mathematics, Electrical Engineering Concept, Power electronics, Industrial instrumentation, Control system design, Communication technology and optimization
- Projects: PID controlled line following robot, Remote weather monitoring station, Remote monitoring of transmission station status

REFERENCES

Susantha Pushpakumara - Maintenance Manager (Siam City Cement Lanka Ltd, Puttalam)

Contact: susantha.pushpakumara@siamcitycement.com - +94 77 3487 336

Dr. Chandima Pathirana - Senior Lecturer (Faculty of Engineering, University of Moratuwa)

Contact: chandima@elect.mrt.ac.lk - +94 71 8619 464

VOLUNTEER EXPERIENCE

Treasurer

Institute of Engineers Sri Lanka, Puttalam District Center

08/2017 – Present

Puttalam district center of IESL is an organization which network all the engineers who are working in Puttalam district both in government authorities and private organizations, responsible for execution of development courses, organizing of networking events, organizing planning circles to coordinate engineering activities


President

Palavi Toastmasters, Holcim (Lanka) Ltd


2014 – 2015


Toastmasters International is a non-profit educational organization that teaches public speaking and leadership skills through a worldwide network of clubs

INTERESTS

 Artificial Intelligence

 Industrial Design, Innovation

 Renewable Energy

 Entrepreneurship

 Photography