
TAMEEM SHAIK

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PROFESSIONAL SUMMARY

Certified Six Sigma Green Belt Member with total 8 years' experience in Plant maintenance. Innovative and focused on developing new methods and technologies in Automation. Results Oriented specializing in high-level problem solving and day to day maintenance in manufacturing environment.

SKILLS

- Maintenance of PLC & conventional machine
- PLC programming with Siemens, Mitsubishi & Allen-Bradley
- Pneumatic, Hydraulics and automation control.
- Installation and commissioning of new machines
- Panel designing & wiring of machines and Test Rigs & SPMs.
- Raspberry Pi(for Internet of things) hardware configuration and Python softwareprogramming (beginner).
- Planning of preventive and predictive maintenance.
- Certified Six Sigma Green Belt
- Problem analysis and problem solving
- TPM PM Pillar Activities.
- Automation Projects.
- Industry 4.0

WORK HISTORY

Control Engineer, 06/2011 to 03/2013

Integral Automation Private Limited – Bengaluru, KA

Assistant Engineer, 03/2013 to 09/2015

Wheels India Limited – Bawal, Haryana

Assistant Manager, 09/2015 to Current

Exide Industries Limited, Bawal Factory – Suthana, HR

EDUCATION

High School Diploma: 2005

Jassver School - Rajahmundry, AP

GPA: 75 %

Certification / diploma, MATHS, PHYSICS, CHEMISTRY: 2007

Aditya Junior College - Mandapeta, AP

GPA: 84 %

Bachelor of Engineering: Electronics & Communication Engineering, 2011

SRKR Engineering College - Bhimavaram, AP

GPA: 6.1

RESPONSIBILITIES

- Responsible for planning & execution of all TPM PM Pillar activities in plant.
- Responsible for two-wheeler battery plant Electrical Maintenance Schedule Planning & Execution.
- Responsible for Spare Management.
- Responsible for PLC programming & Modifications.
- Responsible for cycle time reduction to increase productivity.
- Responsible for Poke Yoke and Safety in Machines.
- Responsible for smooth running of production line and attend the line problems and breakdown.
- Responsible for why-why analysis to find out the root causes of m/c breakdown and take countermeasures.
- Responsible for problem solving using Fish-bone diagram.
- Responsible for making Breakdown, MTBF, MTTR reports.
- Responsible for maintaining and updating of TS Audit documentation.
- Responsible for Plant Electrical Maintenance Annual Budget Planning.
- Responsible for Electrical CAPEX Planning & Execution.
- Responsible for Planning & Execution of Automation projects in Plant.
- Responsible to reduce Energy Consumption.
- Responsible for Solar Project Installation & Commissioning.
- Responsible to provide engineering support for productivity/safety/quality improvements.
- Responsible to ensure SAP discipline across engineering function
- Exploration to new technologies

PROJECTS

Projects Handling in Exide Industries Ltd:

FFT Automation:

Problem: Two manpower used at four function testing machine.

Correction: Battery transfer system provided with auto sticker pasting to eliminate one manpower.

Result: Total 30 manpower reduced in assembly unit per day. Total Cost saving of Rs-4300000/- per Year

PLC: Mitsubishi Fx-3U

Automation for Paste Dis charger:

Problem: Paste discharger is in manual mode, sometimes operator forget to discharge the paste as a result plates get rejected.

Correction: Paste discharge made automated. Result: Rejection rate decreased

PLC: Mitsubishi Q-series

MTTR reduction in weld checker:

Problem: LUG break problem in every 10 days. Correction: Lapp flexible cable provided.

Result: Lug break problem reduced. (Before: Problem every 10 days , After: 4

Months no problem)

Automation for SCRP machine:

Problem: Two Manpower used to run two individual machines of same operation.

Correction: Two machines to be clubbed in single conveyor system and two man power line can be eliminated.

PLC: Mitsubishi Fx3U, & Omron CJ Series.

Result: Total 48 manpower reduced in assembly unit per day. Total Cost saving of Rs-5600000/- per Year

Solar Project:

Project: 250 KW roof top solar project.

Result: Total solar generation of 3.9 Lac unit annually.

On Going Projects:

Elimination of scrap reduction due to Reverse polarity:

Problem: Reverse polarity battery passed through ICW machine by operator mistake.

Correction: Vision sensor to be provided.

Result: Reverse polarity battery will never pass through ICW. Status: Discussing with plant COM.

Automation for Auto Bar-code pasting:

Problem: One Manpower is used to paste the barcode sticker on battery per line per shift.

Correction: Automation for Barcode pasting on Battery.

Result: Total 24 manpower saving per day.

Total cost saving of 28 Lacs Annually.

Status: Capex Raised.

Energy Saving Project:

Problem: Each Line is having each Battery drying Oven which is operated at 90-degree temperature in 4 zones.

The Power consumption of One BDO is 12000 units/month.

Correction: One BDO for two lines

Result: 4 BDO can be eliminated where the power saving is 360000 unit annually (Rs 27 Lacs/Annum) & 2 manpower saving per shift (Rs 7 Lacs/Annum).

Status: PO Released

Previous Company Projects (Wheels India Ltd.):

Scrap Reduction by eliminating burn through problem in Migwelding machine:

Problem: Burn Through in Mig welding machine

Correction: Observed Burn through occurs when motor stops due to some error but welding doesn't stop, So

Programming done such that when motor stops welding stops.

CNC: 802d SI

Make: Siemens

Scrap Reduction in 600Ton & 500Ton Presses:

Problem: Operator puts Disc without removing previous Disc.

Correction: Machine out sensor provided and programming done such with out component exit next cycle will not run.

Plc Used: S7-300

Make : Siemens

Scrap Reduction in Blank & Cup machine:

Problem: Marks on blank and cup as sheet pushes the cup:

Correction: One pusher unit provided, and programming done such that from 270 to 300 degrees pusher pushes the cup and then sheet moves in.

Plc used: S7-300

Make : Siemens

Power saving in Roll former machine:

Problem: Motor runs continuously with 35 Hz frequency while this frequency required only at rolling time.

Correction: Programming done in such a way that motor runs in 35 Hz at rolling time and at idle time motor runs with 5Hz

Drive used: ABB

Power saving in all Hydraulic motors:

Problem: All plant hydraulic motors runs continuously.

Correction: If motor runs without any movement in machine continuously for 5 mins motor automatically gets off.

Profibus cable fault elimination in Automation machine:

Problem: Profibus cables get damage internally in a moving station.

Correction: All moving station cables brought to stationary and Pneumatic pipes made to moving.

Previous company projects (IAPL):

Project Name : MIST SPRAY MACHINE
PLC Used : Siemens
HMI Used : Renu electronics
Customer : SUPREME
Nature of work : Circuit Designing, PLC&HMI Programming

Project Name : FLASH CUTTER (CV-LINE)
PLC Used : Siemens (S7-200)
HMI Used : Renu electronics
Customer : Wheels India Ltd.
Nature of work : Circuit designing, PLC&HMI Programming
Material Planning, Panel testing.

Project Name : MIG WELDING MACHINE
Customer : Wheels India Ltd.
Nature of work : Circuit Designing, Panel wiring and testing.

Project Name : Buffing machine
PLC Used : Siemens (S7-200)
HMI Used : Delta (DOP-B05S101)
Customer : Wheels India Ltd.
Nature of work : Circuit Designing, PLC& HMI Programming,
Material Planning, Panel testing.

Project Name : Wheel Transfer Line

HMI Used : Siemens (OP-77B)

Customer : Wheels India Ltd.

Nature of work : Circuit Designing, PLC&HMI programming,
Material Planning, Panel wiring & testing.

Project Name : Sprocket Automatic Drilling and Tapping Machine.

PLC Used : Siemens (S7-1200)

HMI Used : Simatic (KPT 600)

Customer : LG Balakrishna & co.

Nature of work : Circuit Designing, Material selection,
PLC&HMI Programming, Material planning, Panel wiring & testing.

ACCOMPLISHMENTS

- Deputy Chairman of PM pillar.
- Successfully completed TPM Excellence Award Category - A Assessment.
- Won Fifth position in all INDIA Exide plants Quality Quiz Competition.
- Won First Prize in Exide North Region Kaizen Competition for a cost saving of 56 Lacs Annually.
- Won First prize in Exide North Region Quality Circle Competition for Energy saving.
- Won 3rd prize in Exide North Region Six Sigma Green Belt Competition.
- Completed 2 six Sigma Green Belt Projects.
- Excellent Performance for FY 2017-2018.
- Excellent Performance for FY 2018-2019.

PERSONAL DETAILS

Father Name. : Sk Gouse Basha.

Date of Birth : 20 Sep 1990.

Marital Status : Married.

Languages Known : English, Hindi, Telugu, Tamil.

Current CTC. : 8.2 lakhs.

Date:01/06/2019

Place: Bhiwadi.

Tameem Shaik