

Islam Mohammed Gadallah Mohammed

Rolling Mill Electrical Maintenance Manager

1st el gamil, from kamel sedky, Fagallah, Ramsis, Cairo, Egypt

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OBJECTIVE:

Seeking a challenging position within professional environment providing opportunity for growth and career advancement and utilizes my personal skills.

Education:

- 2007: Bachelor of Electrical Engineering (Power and Electrical Machines Division) – The Faculty of Engineering (Helwan) – Helwan University
With an accumulative grade of **Good (72.81%) with graduation Project excellent.**
Preparatory, 1st and 2nd year: good, 3rd & 4th year: very good.
- 2002: Thanawya Amma Certificate from Ismail El- Kabani secondary School With a degree of **94.68 %.**

Professional Experience:

Rolling Mill Electrical Maintenance Manager: April 2019 – Till Now, Ashry Steel Company, 6th October Plant.

- Plant Contract Review and Contractual spare parts preparation
- Scope Of Supply Review for the electrical devices supply & commissioning.
- Electrical Supply Contract Review with the electrical Supply Utility Company.
- Installation and commissioning of switchgear, Cables, Transformers, AC Motors, instrumentation and Motor Control Circuit MCC.
- Punch List preparation for all activities of the electrical erection & Commissioning with Danieli
- Supervision on the Termination & I/O Test for Plant Cables including insulation tests.
- Prepare Electrical Preventive & Predictive maintenance Plans and follow up Execution, to reduce or limit the corrective maintenance.
- Prepare Shutdown Plans and arrange Major activities as per corrective maintenance history
- Prepare Yearly Pareto-Analysis with the preventive action plans for the yearly major troubles
- Monitor and evaluate the performance of all Electrical Staff
- Diagnose problems in terms of Hardware and software for all production lines (Using PLC Simatic S7 300,400)
- Complete Commissioning for the Electrical Drives Siemens Sinamics S120 Service and Commissioning.
- Human machine Interface HMI Application installation and configuring (Wonder

- ware in touch 9.5 software)
- Trouble Analysis and troubleshooting using IBA PDA, PLC Software & Drives
- Dealing with emergency, unplanned problems and repairs.
- Preparing and implementing action plans effectively to maximize overall equipment efficiency of production machines related to maintenance *KPIs*.
- Make weekly & monthly report for Major and repeated troubles.
- Communication between other internal or external departments to solve any outstanding or disputed issues.
- spare parts availability management and stock control
- Conduct trainings / seminars to improve Electrical staff.

Rolling Mill Electrical Section Head: April 2015 – April 2019, Egyptian Steel

Company, Bani Suef.

- Prepare Electrical maintenance plans and follow up execution
- Monitor and evaluate the performance of all Electrical Staff
- Diagnose problems in terms of Hardware and software for all production lines (S7 200,300,400 and LG).
- Responsible for ABB Drives ACS800, Danieli Qdrives System
- Human machine Interface HMI Application installation and configuring (Wonder ware in touch 9.5 software)
- Electrical Drives and Soft Starters maintenance and programming
- Installation and Maintenance of switchgear, Cables, Transformers, ac/dc Motors and Motor Control Circuit MCC.
- Dealing with emergency, unplanned problems and repairs.
- Preparing and implementing action plans effectively to maximize overall equipment efficiency of production machines related to maintenance *KPIs*.
- Analysis of daily tool consumption and generation of production reports.
- Make weekly & monthly report for Major and repeated troubles.
- Communication between other internal or external departments to solve any outstanding or disputed issues.
- Follow up the spare parts availability and stock control
- contact with relevant suppliers to keep updated on the latest technology in the market
- Conduct trainings / seminars to improve Electrical staff.
- Prepare technical reports and submit to Electrical manager.

Electrical, Instrumentation and Automation Engineer: August 2014– April 2015,

AirLiquide Egypt, Soukhna..

- Diagnosing breakdown problems, controlling maintenance tools, stores and equipment.
- Maintain and calibrate all instruments.
- Responsible for backup of PLC & DCS programs and diagnose problems in terms of Hardware and software for all Plant (ABB Freelance DCS, **S7 300,400 and LG**).
- DCS ABB Freelance Application installation and configuring (DCS ABB Freelance

Application 2013)

- Electrical Drives and Soft Starters maintenance and programming
- Dealing with emergency, unplanned problems and repairs.
- Preparing and implementing action plans effectively to maximize overall equipment efficiency of production machines related to maintenance *KPIs*.
- Distribution of work load to operators in order to achieve daily production target.
- Analysis of daily tool consumption and generation of production reports.

Electrical Maintenance and Automation Engineer: February 2008 – August 2014, Suez Steel Company, Suez.

- Responsible for ABB Drives ACS800 Service and Commissioning.
- Responsible for backup of PLC programs and diagnose problems in terms of Hardware and software for all production lines (**S7 200,300,400 and LG**).
- Responsible for Siemens **Sinamics S120** Service and Commissioning.
- Human machine Interface HMI Application installation and configuring (Wonder ware in touch 9.5 software)
- Electrical Drives and Soft Starters maintenance and programming
- Installation and Maintenance of switchgear, Cables, Transformers, ac/dc Motors and Motor Control Circuit MCC.
- Dealing with emergency, unplanned problems and repairs.
- Preparing and implementing action plans effectively to maximize overall equipment efficiency of production machines related to maintenance *KPIs*.
- Distribution of work load to operators in order to achieve daily production target.
- Analysis of daily tool consumption and generation of production reports.
- Attended the installation and commissioning for production lines with Italian, German engineers and technicians.
- Investigate problems and recommend solutions.

Training Courses:

- 2016: Danieli Diploma Automation and drives – At Danieli Training Center, Butrio, Italy (From 27 Dec. to 15 January)
- 2013: Siemens Sinamics S120 Service and Commissioning – At Sitrain, Nurnberg, Germany (From 03 March to 10 March)
- 2013: PLC Siemens S7 300, 400 Level I, II –At iMas Training Company (From 01 July to 05 July)
- 2010: Simatic S7 Course Level I, II, Wonder Ware In touch 9.5 (From 01 July for 2 weeks 35 Hours).
- 2009: Rolling Advanced Course in Production For Engineers – At Suez Steel Company : (From 01 February to 01 May)
- 2006: Automation Devices, PLC and SCADA IFIX Software(Graduation Project) - At Apecs training Center (From August 2006 to July 2007)
- Certificate Of Appreciation For Leadership, Suez Steel Company (17 October, 2012)

Can deal with:

- Siemens, ABB and LG LS inverters.
- Encoders (Incremental and absolute).
- Servo and Sync motors, Resolvers
- Siemens High Voltage SM150 drives.

Personal Skills:

- Very good learner, self-motivated with positive attitude,
- System acquisition and system management experience.
- Strong communication and interpersonal skills.
- Leadership.
- Ability to multi task.
- Team work.

Computer skills:

- Most Of Automation And HMI Software
- Microsoft Office 2010 and 2013.
- Windows Xp, vista and 7.
- AutoCAD 2D

LANGUAGE SKILLS:

- English: Excellent command of both spoken & written.
- Arabic: Mother Tongue

Personal Data:

- Date of birth : 11th of June, 1985.
- Nationality : Egyptian.
- Religion : Muslim.
- Marital status : Married
- Military service : Exempted (Postponed then exemption)