



ELSAYED ELATTAR

Senior Mechanical Engineer

PROFILE

Highly creative and multitalented Mechanical Engineer with extensive experience 17+ years in **Maintenance, Production, Process, and facility maintenance.**

Working give me a lot of skills and experience that I believe make me best suited for the job position that is begin offered with a position of mechanical engineer.

WORK EXPERIENCE

Senior Production and Maintenance Engineer

SIFIN STEEL For kitchen sink BENI SUEF, Egypt
Nov 2021 – Apr 2023

Accomplishments

- Project Infrastructure, machine installation for mechanical, hydraulic, pneumatic, electrical, and plumping connections & start-up.
- Compressed air Network installation.
- Chiller tower and pipe network installation.
- First trail of product and prepare the quality standard sheets.
- Prepared the process flow according to the lean manufacture basics.
- Prepared the preventive maintenance sheets according to the TPM rules.
- Prepared the changeover process sheet according to SMED rules.
- Training for the Production crew according to the prepared work instruction sheet

Lines / Machines

- Deep drawing hydraulic presses
- Annealing electric furnace line
- CNC polishing machines
- Bending machine
- Automatic washing line
- punches eccentric mechanical presses
- laser marking machine.

Maintenance Section Head

AKL auto feeding industries DAKAHLIA, Egypt
Jan 2021 – Nov 2021 www.akl.com.eg

Accomplishments

- Built data base program for machines History and reports by 90%
- Managing and optimizing spare parts inventory by 80%
- Reduced spare parts inventory stock by 20%
- Classification and coding of spare parts for SAP ERP system by 100%
- Reduced the machines breakdown by 70%
- Facility maintenance HVAC, Chilled water system, water treatment unit

Lines / Machines

- Plastic Injection machines
- Electrostatic paint line
- Eccentric presses line
- Headlamp assembly lines
- Die casting machines.
- Paint lines
- Mirrors manufacture line.
- Galvanization line

CONTACT

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Abu Dhabi - UAE

Bachelor of Engineering
Mechanical Production Engineering
University of Mansoura - Egypt
2000 - 2005

COURSES

- LinkedIn six sigma
- LinkedIn Continuous improvement
- LinkedIn becoming a Product Manager
- LinkedIn Dealing with the Seven Deadly Wastes
- LinkedIn Problem Solving Techniques
- LinkedIn Operational Excellence Foundations
- LinkedIn Lean foundation
- LinkedIn Improving Your Listening Skills
- Operational Excellence Work-Out and Kaizen Facilitator
- PLC (S7) basics
- ABB robots programming & maintenance
- Internal Auditor (ISO 9001, ISO14001 & OHSAS 18001)

LANGUAGE

- Arabic
- English

SKILLS

- MS Word, Excel, and PowerPoint
- CAD AutoCAD- CATIA-SOLIDWRKS
- Automation Studio
- Leadership
- Analysis
- Creativity
- Mindfulness to details
- Problem-solving

Mechanical Maintenance Section Head

ELECTROSTAR for Industrial Engineering

Giza, Egypt

Aug 2020-Jan 2021

<https://electrostar.com.eg/>

Production and Process Section head

FRANKE Kitchen systems

Giza, Egypt

Apr 2020-Aug 2020

www.franke.com

Mechanical Maintenance Section Head

FRANKE Kitchen systems

Giza, Egypt

Jun 2012-Apr 2020

www.franke.com

Mechanical Maintenance Engineer

AHRAM SECURITY GROUP

10th of Ramadan, Egypt

Jan 2006-May 2012

www.ahramsg.com

Accomplishments

- Built data base program for machines History and reports by 60%
- Built the CLIR sheets for all machines for preventive maintenance program by 100%
- Reduced spare parts inventory stock by 20%
- Classification and coding of spare parts by 100%
- Reduced the machines breakdown by 85%
- Start the lean manufacturing program for all lines TPM, Quality and 5S by 40%

Lines / Machines

- Plastic forming lines
- Steel Sheets forming lines
- Conveyors assembly lines.
- Foam injection lines

Accomplishments

- Achieved the production plane by 90%
- Reduced the scrap rate by 18%
- Reduced the labor by 11%
- Prepared the manufacturing production monthly & yearly reports.
- Achieved the (FPS) Franke Production Systems score target.

Accomplishments

- Awarded Team Engineer of The Year for 3 years.
- Facility Maintenance for Chilled water system, Steam Boiler, Office, Windows, Civil, Security camera system, Firefighting system, and landscape
- Reduced the overtime hours and overtime pay by 98%
- Managed programming of mechanical equipment installations for stainless steel deep drawing sink line
- Analyze and develop the safety programs to minimize the injuries rate up to sixty-seven projects.
- Implement & monitor the FPS - FRANKE production system by 35%
- Develop & implement the sustainability projects.
- Managed & developed the SMED projects for tool changeover.
- Used the lean manufacturing basics to reduce the breakdown time by TPM, MTBF Mean Time Between Failure, MTTR Mean Time to Repair, OEE & A3
- Programming & Maintenance the ABB robots for the Paint process
- Prepare & improve the KPI'S reports and analysis.
- Achieved the preventive maintenance program by 85%
- Reduced the spare parts inventory stock by 30%
- Achieved a 40% reduction in maintenance cost by standardized the spare parts for most machines and focus on the spare parts quality.

Lines / Machines

- Enamel paint lines
- CNC grinding machine
- CNC milling machine.
- CNC bending machine
- Sheet metal deep drawing line
- ABB CNC robots.
- Packaging lines
- Automatic plasma
- Deep drawing lines
- Spot & Seam welding
- Stainless steel deep drawing lines

Accomplishments

- Implement the preventive maintenance program by 80%
- Maintenance crew training for pneumatic and hydraulic basics
- Create and follow up spare parts purchasing order using oracle ERP system.
- Analysis of the machine's downtime for improvement process
- Create the internal & external work orders.

Lines / Machines

- Galvanize & Nickel lines
- Electrostatic paint line
- Assembly lines.
- Mechanical automatic machine
- CNC EDM
- mechanical eccentric press
- CNC special machines for lock cylinder, spring, screw machines
- CNC wire cut.