- Mohammed Ismail El-Sabbahy -

Continuous Improvement Engineer

Egypt • (002)01033183118 • Email: Sabbahy.Gendy@gmail.com • LinkedIn: linkedin.com/in/MohammedSabbahy

---

SUMMARY

Continuous Improvement Engineer with 5+ years' experience in manufacturing and data analysis. Skilled in Power BI, Power Apps, Excel, and SAP to improve processes and track KPIs. Led projects in Time Studies, Kaizen and automation using Power Automate.

PROFESSIONAL EXPERIENCE

ECET GROUPE ATLANTIC

10th Of Ramadan, Egypt • Continuous Improvement Engineer   04/2024 - Present

- Leading implementation and follow-up of **Kaizen improvements** across the plant.
- Responsible for a **monthly CI audit**, including data analysis and visualization using **Power BI** and **Power Apps** integrated with **SharePoint**.
- **Key SAP User**, managing **Production Versions** and **Routings** for manufacturing products.
- Conducting **Time Studies** and analysing results via **Excel (with Macros)** and **Power BI**.
- Creating and analysing **Spaghetti Diagrams** to enhance material flow and reduce waste.
- Applying **8 Wastes (Muda)** methodology and performing **initial Ergonomics Assessments** to identify workstation improvement areas.
- Led a project to **redesign raw material entry racks** for smoother flow to the assembly lines.
- Developed and implemented **Colour Coding standards** for the factory environment.
- Conducted operator **training sessions on Continuous Improvement and 5S** principles.

ELSEWEDY ELECTRIC UIC

10th Of Ramadan, Egypt • Senior Process Engineer   02/2023 – 04/2024

- **Key ADVARIS** user, managing Design **Operations**, **Machine Selection** and Machine **Speeds** formulas.
- Creating & update **standard speed** for every single item on every single process.
- Creating & update items **routing** based on the BOM.
- Follow the creation & the update of Processing Data Sheets (**PDS**).
- Follow the creation & the update of Standard Operating Procedure (**SOP**).
- Follow shop floor **Trials** for new **suppliers** or develop new cables.
- Set & update **technical scrap** values.
- Reporting the **OEE** index on frequent basis.

AKL for Auto Feeding Industries

Mansoura Damietta Road, Egypt • Assembly Section Production Engineer   07/2021 – 01/2023

- Follow-up all related elements of production.
- Identify manufacturing needs for **new products in development**.
- Assist with shop floor **layout** and **cell designs**.
- Generate production documentations such as **Work Instructions**, **Standard Operation Sheet** & **Job Element Sheet**.
- Monitor and manage section KPIs such as **Efficiency**, **Down Time**, **PPM**, **Overtime** percentage and **Absenteeism** percentage.
- Use **POKA YOKE** to prevent errors. Reduced scrap rate on finished goods from **4% to 2%** within **7 months** after implementing a Fail-Safe type of procedure at the assembly line.
- Preform Root Cause analysis according to **QRQC**.
- Update and enhance employees' **Skill-Matrix**.

- Participate in **BIQS** and **IATF** audits.
- Carry out **PFMEAs** and implement improvements.
- Participate with engineering department in **Process Control Plan**.

AKL for Auto Feeding Industries

Mansoura Damietta Road, Egypt • Manufacturing Project Engineer (SAP Launching)   01/2021 – 07/2021

- Created **Bill of Material** data for factory products.
- Updated and calculated Planning & Engineering Data such as **CT, WIP locations, production cells, standard packing & minimum batch**.
- Generated **new codes** for factory products according to coding principles in **ERP**.

Megahed Sons Factories for Plastic Industries

Mansoura Damietta Road, Egypt • Irrigation Pipes Section Production Engineer   08/2019 – 01/2021

- Analysed and Developed production methods that increased **OEE by 5%.**
- Implemented cost-reductive changes that decreases **materials cost by 7%.**
- **Trained** and **supervised** production line workers.
- Followed production specifications and **QC measures**.

PROGRAMS

- **SAP**
- **Automation Studio**
- **ADVARIS**
- **PowerApps**
- **MiniTab**
- **EKTS**
- **PowerBI**
- **Professional Microsoft Office**

COURSES

- **Lean Six Sigma Green Belt**
- **Classic Control**
- **Production & Inventory Management Part 1**
- **PLC Basics**

SOFT SKILLS

- **Ability to integrate with the team.**
- **Presentation Skills.**
- **Strong Problem-Solving Skills and logical approach.**
- **Learn new tasks.**
- **Research and compile information.**
- **Problem's troubleshooting.**
- **Analytical skills.**
- **Strong Communication Skills.**

EDUCATION

Bachelor of Mechatronics Engineering

Mansoura University • Faculty of Engineering, Egypt   09/2014 - 02/2019

- **Overall Grade:** Very Good with total GPA (3.54 /4) (89.97%)
- **Graduation Project:** Smart Electric Car, grade A+

LANGUAGES

Arabic: Native Speaker   **English:** Advanced