



Mohamed Alaa

Production Engineer

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Summary of qualifications

Supervising the manufacturing processes, ensuring quality work is done in a safe, efficient manner.
Liaising with other engineers to develop plans that improve production, costs, and labor required.
Diagnosing problems in the production line and providing recommendations and training.
Establishing safety procedures and protocols that take the workers' well-being into account, and that also minimize the carbon footprint.
Keeping abreast of advancements in engineering and production, and sharing knowledge with co-workers.
Identifying, documenting, and reporting unsafe practices.
Drawing up production schedules and budgets for projects.
Scheduling meetings with relevant departments and stakeholders.
Analyzing all facets of production and making recommendations for improvement.
Obtaining any materials and equipment required.

Education



Akhbar Elyoum Academy - B.sc in Mechanical Engineering and Printing technology

Sep.2017- July .2022

Department: **production engineer**

Dissertation title: **Full automatic sheet and pipe roller bending machine (Grade : Excellent)**



Work Experience

Production engineer

Employer: Bedaya stationary

Aug. 2022 ~ Dec.2022

- Achieving production plans according to schedule plans.
- Achieving and improving product quality requirements in accordance with the quality control plan and customer requirements.
- Improving production processes by raising productivity, reducing waste, reducing breakdowns and downtimes, to achieve the target overall efficiency of OEE.
- Implement SMED, 5S and Lean six sigma Techniques.
- Assist management to resolve production problems.
- Responsible for product quality and activating the built-in quality system.
- Production Engineer completely responsible productive sections Supervised by and also responsible for all the decisions signed by him and responsible for the safety of any document the adoption or revision.
- Follow up on the key performance indicators for production lines

Training

- Production (cables manufacturing process)
at Giza Cables Industries (June 2021)
 - Workshop Engineer at Nissan Express
(February 2019)
 - Printed sheets production process ,
at Akhbar Elyoum Commercial Printers,
(July 2018)
 - Measurement Tools, Welding ,Casting at
Akhbar Elyoum Academy Workshops ,
(June 2017)
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Language

Arabic - (Native)
English - (Excellent)
German – (general knowledge)

Skills

Microsoft
Mathematics
Leadership
Solid work
Autocad
Team work
Lean manufacturing
Work under pressure
Self learning
Motivator