

Holds a B. Sc. in Chemical Engineering and has over 7 years of experience in plastic manufacturing environments. Proven track record in leading production operations, improving efficiency and reducing waste.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/01/1995
Gender : Male
Marital Status : Married
Residence : Qalubia

EDUCATION

: B. Sc. in Chemical Engineering, El-Shorouk Academy, 2018

LANGUAGES

Arabic : Native Language
English : Excellent
French : Basics

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Access, Power Point), Internet

TRAINING COURSES AND CERTIFICATIONS

- : Safety training course, Egyptian Engineers Syndicate (May 2022).
- : Awareness and internal audit program (ISO 22000:2018) (GQS) (Mar. 2022).
- : Awareness and internal audit program (ISO 9001:2015 / ISO 14001:2015 / ISO 45001:2018) (GQS) (Sep. 2021).
- : Basic chemical process control (online course) (Oct. 2020).
- : Business management, King's College London (online course) (Mar. 2020).
- : Thanks-letter for well "Egypt Army" (Nov. 2019).
- : Summer Internships at:
 - ABU ZAABAL COMPANY FOR FERTILIZERS AND CHEMICALS (Jun./Jul. 2015).
 - United Gas Derivatives Co. (Jun./Jul. 2016).
 - United Gas Derivatives Co. (Jun./Jul. 2017).
 - Cairo Oil Refining Co. (Jul./Aug. 2017).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Nov. 2024 till now
Employer : 3Mas Co. – Bubbles (Plastic Manufacturing)
Job title : Operations & Production Leader
Job Description :

- Led daily production operations across multiple shifts for a workforce of ~200 employees, ensuring target achievement, process stability, and compliance with quality and safety standards.
- Monitored production KPIs and implemented data-driven actions, improving OEE from 65% to 78%.
- Reduced material waste from 5% to 3%, with ongoing initiatives targeting 2%, through root cause analysis and process optimization.
- Analyzed production losses and implemented corrective and preventive actions, improving efficiency and process stability.
- Participated in injection molding trials, start-up validation, and parameter optimization to enhance product consistency and reliability.
- Evaluated raw materials and processing conditions to minimize defects and improve product performance.
- Collaborated with maintenance and engineering teams to reduce downtime and improve line efficiency.
- Applied Lean Six Sigma tools (5 Why, Pareto) to drive continuous improvement and waste reduction.
- Led and developed operators and technicians, improving performance, compliance, and process control.

Dates : From May 2023 till Nov. 2024
Employer : 3Mas Co. – Bubbles (Plastic Manufacturing)
Job title : Senior Production Engineer
Job Description :

- Managed daily production schedules, manpower allocation, and equipment utilization to meet output targets.
- Monitored shift performance and KPIs to improve productivity and operational efficiency.
- Reduced mold changeover time from 80 minutes to 45 minutes by implementing structured training programs for supervisors and technicians.
- Improved cycle time and production stability through preventive maintenance of molds and optimization of processing conditions.
- Reduced product defects and improved quality consistency by stabilizing process parameters and enhancing mold performance.
- Supervised operators and technicians to ensure efficient and safe operations across all shifts.
- Maintained compliance with health, safety, and operational standards on the production floor.
- Coordinated with maintenance, quality, and logistics teams to prevent delays and ensure production continuity.
- Trained operators and technicians on process control, efficiency improvement, and best operating practices.

Dates : From Aug. 2022 till May 2023
Employer : Tagaddod Co.
Job title : Operation Engineer
Job Description :

- Supervised biodiesel production operations with focus on SOP adherence, safety, and output quality.
- Implemented process controls and statistical quality checks, improving production reliability and consistency.
- Played a key role in preventive maintenance planning and troubleshooting.
- Designed and optimized industrial processes, driving significant improvements in efficiency, productivity, and cost reduction.
- Maintain standards of health and safety, hygiene and security in the work environment.

Dates : From Aug. 2020 till Aug. 2022
Employer : 3Mas Co. – Bubbles (Plastic Manufacturing)
Job title : Production Engineer
Job Description :

- Operated and controlled plastic injection molding processes for baby bottle production using Haitian machinery.
- Oversaw daily production activities to ensure smooth plant operations and achievement of production targets.
- Monitored process parameters and adjusted machine settings to maintain product quality and process stability.
- Applied Lean Manufacturing principles to reduce waste and improve cycle efficiency.
- Analyzed production data to identify process deviations and support continuous improvement initiatives.
- Maintained compliance with health, safety, hygiene, and operational standards on the production floor.
- Supported mold maintenance and process control activities to ensure consistent product quality.
- Collaborated with maintenance and quality teams to resolve production issues and improve operational performance.

Dates : From Feb. 2019 till Aug. 2020
Employer : Eg Paper Co.
Job title : Process Engineer
Job Description :

- Supervised and managed the operation of auxiliary units which include, all preparation stock, coarse screen, high density cleaners, low density cleaners, pressure screen, reject screen, reject sorter, hydra-sieve, float purger and stock dryer. Preparing the starch, aluminum sulphate and various chemicals that go into the paper manufacturing stage. Ensure that final product meets quality standards.
- Oversaw the operation and maintenance of pumps, compressors, chillers, and boilers, optimizing energy efficiency and ensuring reliable operation.
- Implemented and upheld safety protocols and environmental regulations, conducting inspections and promptly addressing any safety concerns.
- Led a team of technicians and operators, providing guidance and

ensuring adherence to production schedules and quality standards.

- Field of experience :**
- Core Expertise:
 - Plastic Manufacturing Operations.
 - Production Planning & Scheduling.
 - Process Optimization Waste Reduction & Efficiency.
 - Lean Manufacturing.
 - KPI Monitoring.
 - Quality Systems & Compliance.
 - GMP & Hygiene Compliance.
 - Continuous Improvement.
 - Downtime Reduction & OEE Improvement.
 - Team Supervision & Training.
 - Cross-Functional Coordination.
 - Reporting & Data Analysis.
 - Skills:
 - Production Management & Shift Operations.
 - Lean Manufacturing & Continuous Improvement (Kaizen, 5 Why, Pareto).
 - KPI Monitoring & Performance Improvement (OEE, Downtime, Waste Reduction).
 - Process Optimization & Injection Molding.
 - GMP, Hygiene & Quality Compliance.
 - Root Cause Analysis & Problem Solving.
 - Preventive Maintenance & Equipment Reliability.
 - Team Leadership & Workforce Management.
 - Cross-Functional Coordination (Production, Maintenance, Quality, Logistics).
 - ERP Systems (Oracle) & Production Reporting.