

Ahmed Farouk Ahmed Yousef

 Al Qalyubia, Egypt  01000746027  LinkedIn profile  Website Profile
 solid.ahmed85@gmail.com

Profile

Experienced and versatile Furnace Operator, adept at managing melting furnace operations, with over 18 years of hands-on experience. Skilled in Heating Transfer and Combustion, and other critical parameters to achieve optimal melting conditions and product quality. Committed to upholding strict safety standards, environmental regulations, and quality control measures. Capable of collaborating effectively with cross-functional teams to achieve production goals and drive continuous improvement initiatives.

Professional Experience

Arkan for Manufacturing and Mining Furnaces Technician	Oct 2023 – present 10th of Ramadan, Egypt
<ul style="list-style-type: none">Improving furnace efficiency through process analysis and combustion adjustment, and enhancing final product quality through precise combustion monitoring and operational adjustments.Developed quality control measures that improved product consistency.Conducted preventive maintenance to improve furnace longevity and efficiency.	
Younexa Corporation Furnaces Technician	Jan 2020 – Apr 2022 Suez, Egypt
<ul style="list-style-type: none">Monitored and controlled furnace processes, ensuring temperature precision.Diagnosed and resolved equipment malfunctions, minimizing downtime.Implement corrective actions as necessary to address quality issues and enhance process performance.	
Ferro Corporation Kiln Technician	Jan 2015 – Dec 2019 Suez, Egypt
<ul style="list-style-type: none">Operated and monitored smelting furnaces using SCADA systems to track process variables, ensuring optimal combustion quality, while managing raw material loading and maintaining accurate records.Implemented Lean Manufacturing and 5S Methodology to drive process improvements, enhance productivity, and maintain an organized and efficient work environment.Adhere to strict safety protocols and standard operating procedures (SOPs).	
Al Salomi for Frit and Glazes Kiln Operator	Jul 2010 – Dec 2014 Suez, Egypt
<ul style="list-style-type: none">Monitored and controlled smelting furnace operations, including combustion quality, while loading raw materials according to batch specificationsDesigned a new combustion control strategy, optimizing fuel efficiencyMaintain organization of work area, Observed errors, and follow up on the production process.	
Arkan for Manufacturing and Mining Furnaces Operator	May 2007 – Jun 2010 10th of Ramadan, Egypt
<ul style="list-style-type: none">Monitored and controlled furnace operations, ensuring precise (combustion, temperature, Pressure, Quality smelting) management, Supervised raw material loading, and optimized the smelting process to enhance efficiency and quality.	

Education

75% | Electricity of cars

Al Mstqbal _Industrial Secondary School

Diploma in Electricity of cars | 2005-2006 | Suez, Egypt.

Skills

Furnace Operations

Strong understanding of furnace operations, process variables, control systems, and quality control procedures and standards.

Heat Transfer & Combustion

Analyzing and applying principles of heat transfer, including conduction, convection, and radiation, to improve and optimize combustion processes.

Refractory Materials

Knowledge of high-temperature-resistant materials and their applications in furnace operations.

Problem-Solving

Analyze, and find effective solutions to issues. It involves critical thinking, and logical reasoning to address complex problems.

Adaptability

Ability to adjust to new conditions, challenges, and environments quickly and effectively, and flexible in the face of change.

Organization

Systematically arrange tasks, resources, and information to enhance efficiency and effectiveness.

Digital Skills

- SCADA systems.
- Microsoft Office.

Training

- Lean Manufacturing & 5S Methodology.
- Fire Fighting Training.
- Safety supervision
- First Aid Training.

Languages

Arabic

Native

English

Conversational

Interests

- Analysis and search for improvement.
- Continuous learning and training.
- Computer Science.