

# Ahmed Farouk Ahmed Yousef

📍 Al Qalyubia, Egypt    📞 01000746027    [in](#) 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

Oct 2023 – present

#### Furnaces Technician

10th of Ramadan, Egypt

- 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

Jan 2020 – Apr 2022

#### Furnaces Technician

Suez, Egypt

- 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

Jan 2015 – Dec 2019

#### Kiln Technician

Suez, Egypt

- 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

Jul 2010 – Dec 2014

#### Kiln Operator

Suez, Egypt

- Monitored and controlled smelting furnace operations, including combustion quality, while loading raw materials according to batch specifications
- Designed a new combustion control strategy, optimizing fuel efficiency
- Maintain organization of work area, Observed errors, and follow up on the production process.

### Arkan for Manufacturing and Mining

May 2007 – Jun 2010

#### Furnaces Operator

10th of Ramadan, Egypt

- 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.