

# Mahmoud Hassan



## Personal Data

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## Soft Skills

Problem-Solving Abilities  
Communication Skills  
Team Work  
Organization Skills

## Language Skills

Arabic : Native  
English : (B2)  
German : (A2)  
French : (A1)

## Reference

**Mohamed Seleman**, Head of Department of Metallurgical and Materials Engineering, Faculty of Petroleum and Mining Engineering, SuezUniversity, mohamed.elnagar@suezuniv.edu.eg

**Mohamed Ahmed**, Professor at Mechanical Engineering Department, College of Engineering at Al Kharij, PrinceSattam Bin AbdulazizUniversity, moh.ahmed@psau.edu.sa

## Executive Summary

Self-motivated Quality Engineer who enjoys working in Managing welding procedure qualifications and generating welding procedures to help the manufacturing and welding teams. Conducting failure analyses and cause analyses on welding issues.

## Experience

### Welding Engineer

1/2016 –3/ 2023

East Delta Electricity Production Company, Ismailia, Egypt.

- Analyzing engineering designs for welding requirements.
- Reviewing welding procedures, processes, and documentation.
- Conducting failure analyses and cause analyses on welding issues.
- Performing and witnessing NDT (VT, RT, UT, MT& PT).

### Quality Control Engineer

12/ 2012 – 12/ 2015

Suez Thermal Power Plant, Suez, Egypt.

- Preparing Welders Qualification According to ASME IX.
- Inspecting Steel Structure and erection.
- Reviewing preheat, heat control and PWHT records/charts.
- Performing non Destructive Testing (VT, RT, UT, MT& PT).

## Education

- **Master** in Metallurgical and Materials Science Engineering, Suez University, Suez, Egypt. **9/2016 –7/2019**
- **Bachelor** of Metallurgical and Materials Science Engineering, Suez University, Suez, Egypt. **9/2007 – 7/2012**

## Course

- **Egyptian Welding Association (EWA)**, American Society for NDT (ASNT), SNT-TC- 1A Level (II) (VT-PT-MT-RT-UT) Cairo, Egypt **2/2021 – 2/2026**
- **(Unidro – Opl – Affetti – Valve It – Garbarino – Flowserve)**, Pumps types, operation, maintenance, inspection. Milano, Italy **4/2016 – 5/2016**
- **Suez University**, Radioactive Materials and Radiation Safety and Security, Suez, Egypt. **09/2015**
- **Ataka Power Station**, Introduction in Power Station. Suez, Egypt. **03/2013**

## Publication

Materials 2021, 14, 6640, Published: 4 November 2021 Article "Microstructure and Mechanical Properties of Friction Stir Welded 2205 Duplex Stainless Steel Butt Joints"