

Ammar Osman

Electrical Engineer

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PROFILE

Electrical Engineer specializing in heavy machinery & Piling rigs maintenance, with 4+ years of experience leading teams and optimizing electrical systems for construction projects. Bilingual (Arabic/English) and proficient in PLC, AutoCAD and troubleshooting motor systems.

WORK EXPERIENCE

Sama Al Ezdhar Co.

Electrical Engineer

Nov. 2022 - Present

Jeddah - Saudi Arabia

- Led a team of 4 to overhaul Bauer BG25 Piling rig, restoring full operation capacity and ensuring malfunction-free performance in 2 subsequent projects.
- Designed and installed an electrical circuit for a dewatering system, facilitating the excavation for piling projects.
- Performed regular maintenance for XCMG crawler Cranes, Caterpillar Loaders & Excavators, achieving 100% safety compliance.
- Supervised electrical maintenance to ensure efficient project execution.

Track Co.

Service Engineer

Aug 2021 - Jun 2022

Mansourah - Egypt

- Managed routine maintenance and repair of a heavy machinery fleet including SR-60, Bauer BG26, Bauer BG28 Piling rigs and SANY Cranes.
- Supervised electricians, provided technical guidance and managed electrical spare parts inventory.
- Conducted inspections and troubleshooting for motors to diagnose and resolve issues promptly.
- Monitored and reported working hours for machinery, planning maintenance tasks to align with timelines.

EDUCATION

Future University in Egypt

Bachelor's in Electrical Power Engineering & Electronics

2014 - 2019

Cairo - Egypt

Graduation Project: Fully automated Smart House model using PLC programming and IoT sensors.

SKILLS

- **Technical:** Preventive Maintenance | Piling rigs repair | Electrical systems design | Troubleshooting Hydraulic systems | Troubleshooting motors
- **Management:** Team leadership | Project management | Inventory management

TECHNOLOGIES

TIA Portal - PLC | EKTS | AutoCAD | Microsoft Office (Word, Excel, Powerpoint)

LANGUAGES

- Arabic (Native)
- English (C1 - IELTS General 7.5)
- French (B2)

INTERESTS

3D Modeling | Emerging AI Technologies