



Mahmoud Graja

📍 Germany

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📅 06/02/1983 in Chebba

67655 Kaiserslautern

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- Over 10 years of international experience in commissioning, after-sales service, and project management for electrolysis plants, power plants, and industrial systems
- Extensive project coordination and organization experience
- Strong technical customer support, process optimization, and interdisciplinary collaboration skills.

Professional experience

04/2023 - 08/2025

Project Manager After Sales

McPhy Energy Deutschland GmbH, Wildau

- Implementation of the scope of services within the framework of long-term service agreements (LTSA)
- Creation of contractual key performance indicators (e.g., on-time delivery, plant availability) – in collaboration with cross-functional
- Central point of contact for the customer in all matters relating to after-sales service projects
- Responsible for compliance with all applicable environmental, health, and safety regulations (EHS) at the locations of operation
- Planning, control, and monitoring of after-sales projects from handover to successful implementation
- Recording, reporting, and regularly reviewing financial key figures for the managed projects
- Feedback process: documenting and passing on findings from the field to the relevant specialist departments for continuous improvement
- Customer training and consulting
- Continuous technical support for the maintenance and commissioning of the ongoing projects

04/2021 - 03/2023

Commissioning engineer

McPhy Energy Deutschland GmbH, Wildau

- Europe-wide commissioning of electrolysis units and hydrogen filling stations
- Setting up construction sites and acting as site manager
- Instructing and supervising service personnel
- Commissioning and system integration of products or product groups
- Carrying out regular inspections to ensure the operational safety and reliability of systems
- Interface between internal departments, customers and suppliers
- Implementation of optimization measures to increase the efficiency, availability, and productivity of production facilities
- Conducted and coordinated FAT and SAT activities with customers and internal teams, ensuring successful validation of system performance and functionality prior to delivery and commissioning.
- Service and maintenance
- Coordination of materials, tools, and spare parts
- Customer training

09/2019 - 09/2020

Measurement Technology & Commissioning Engineer

TLT-Turbo GmbH, Zweibrücken

- Worldwide commissioning of large fans
- Parameterization of hydraulic and electrical systems
- Function testing
- Analysis and troubleshooting of technical malfunctions
- Performance documentation and validation
- Vibration balancing

12/2017 - 12/2018

Internship and master's thesis

Photonic-Zentrum Kaiserslautern e.V.

- Implementation and characterization of an automated LIBS (laser-induced breakdown spectroscopy) measurement setup for laser micromachining applications
- LabView programming & device configuration for laser micromachining

11/2008 - 06/2016

Commissioning Engineer – Power Plant Projects

GE/ALSTOM Power (via multiple agencies)

- Cold and hot commissioning in power plants
- Performing I/O signal tests (loop checks)
- Logic testing, test sequences, hardware and logic changes
- Tracking industrial communication networks
- Monitoring the industrial high-resolution recording system
- Analysis of operating events, troubleshooting, and technical reporting

Educational background

09/2016 - 09/2018

Instruments, Measurement & Sensors Technology (M.Eng)

Hochschule Coburg

09/2002 - 06/2007

Energy technology (Engineer Diploma)

École Nationale d'Ingénieurs de Monastir-Tunesien

Skills

Electrolysis plants and hydrogen filling stations

Power plants and industrial facilities

HSE standards

ATEX equipment and areas

High-pressure equipments

Training and customer consulting

Quality management Project management

LANGUAGES: German, English and French