HÉRICLES RODRIGUES DE MORAIS

Electrical Technician | Industrial Electrical Maintenance | Nuclear Power Plants

Angra dos Reis, Rio de Janeiro, Brazil | +55 (24) 99923-6553 | hericles-7@hotmail.com
Open to relocation to the United States

PROFESSIONAL SUMMARY

Electrical Technician with hands-on experience in nuclear power plant electrical maintenance and industrial electrical systems, currently working as an Electrician I at the Angra 1 and Angra 2 Nuclear Power Plants in Brazil.

Experienced with electrical systems and equipment from Siemens, WEG and Westinghouse, including motor control centers (MCCs), circuit breakers, protective relays, transformers, electrical panels, motors, instrumentation and variable frequency drives (VFDs).

Skilled in electrical testing, troubleshooting and measurements using megohmmeters (Megger), digital multimeters and clamp meters. Experienced in reading electrical diagrams and technical documentation and performing maintenance activities in highly controlled nuclear and industrial environments.

Seeking an Electrical Technician / Maintenance Technician position in the United States, where I can apply my industrial and nuclear power plant experience and contribute to safe, reliable operations while developing a long-term career in electrical maintenance and industrial technology.

CORE TECHNICAL SKILLS

Electrical Systems	Low-, Medium- and High-Voltage Systems • Industrial Electrical Maintenance • Electrical Installation • Electrical Troubleshooting • Electrical Testing • Preventive & Corrective Maintenance • Electrical Schematics & Diagram Reading
Industrial Equipment	Motor Control Centers (MCC / CCM) • Electrical Control Panels • Circuit Breakers • Protective Relays • Transformers • Electric Motors • Variable Frequency Drives (VFDs) • Industrial Instrumentation • Industrial Machinery & Equipment
Testing & Measurement	Megohmmeter / Megger • Digital Multimeter (DMM) • Clamp Meter • Electrical Measurements • Electrical Testing & Troubleshooting
Manufacturers / Systems	Siemens • WEG • Westinghouse • Siemens Fire Protection Systems

PROFESSIONAL EXPERIENCE

SUPPLY — ANGRA 1 & ANGRA 2 NUCLEAR POWER PLANTS

Electrician I

Apr 2025 – Present | Angra dos Reis, Brazil

- Perform electrical maintenance activities at the Angra 1 and Angra 2 Nuclear Power Plants.
- Work in highly controlled nuclear and industrial environments following strict technical, operational and safety procedures.
- Perform preventive and corrective maintenance on electrical systems and industrial equipment.
- Read and interpret electrical diagrams, schematics and technical documentation.
- Work with electrical equipment and systems manufactured by Siemens, WEG and Westinghouse.
- Perform maintenance and troubleshooting involving Motor Control Centers (MCCs), circuit breakers, protective relays, transformers, electrical panels and motors.
- Perform electrical tests and measurements using megohmmeters (Megger), digital multimeters and clamp meters.
- Support electrical troubleshooting and fault identification.
- Work with variable frequency drive (VFD) systems.
- Perform electrical maintenance activities involving industrial instrumentation and control systems.
- Work with Siemens fire protection systems at Angra 2 Nuclear Power Plant.
- Support maintenance activities involving industrial electrical equipment and systems.
- Follow established technical procedures, work permits and safety requirements applicable to nuclear power plant operations.
- Work as part of multidisciplinary maintenance teams in a highly regulated industrial environment.

AIR MINAS AR CONDICIONADO LTDA.

Electrician I

Jul 2024 – Jan 2025 | Angra dos Reis, Brazil

- Performed electrical installation, maintenance and troubleshooting activities.
- Supported electrical maintenance of building systems and equipment.
- Performed electrical services according to technical requirements and established safety procedures.

IC SUPLY ENGENHARIA — NUCLEAR POWER PLANT OUTAGE
Building Maintenance Assistant
Sep 2023 – Dec 2023 | Angra dos Reis, Brazil

- Participated in maintenance activities during a nuclear power plant outage.
- Worked in a highly controlled industrial environment with strict operational and safety requirements.
- Supported maintenance activities involving facilities, equipment and electrical systems.
- Followed established technical procedures and safety requirements.

INDEPENDENT ELECTRICAL SERVICES
Electrician
Feb 2023 – Aug 2023 | Angra dos Reis, Brazil

- Performed residential and commercial electrical installations and maintenance.
- Read and interpreted electrical diagrams and schematics.
- Performed electrical troubleshooting and corrective maintenance.
- Installed and maintained electrical circuits, panels, controls and equipment.

MBC ENGENHARIA E CONSTRUÇÃO LTDA.
Team Leader / Electrical Crew Leader
May 2022 – Dec 2022 | Angra dos Reis, Brazil

- Coordinated an electrical work team and distributed daily activities.
- Supported execution of electrical installations and maintenance activities.
- Assisted with work planning, task coordination and quality control.
- Supported troubleshooting and resolution of electrical installation issues.

INDEPENDENT ELECTRICAL SERVICES
Electrician
May 2020 – Dec 2021 | Angra dos Reis, Brazil

- Performed electrical installation and maintenance services.
- Assembled and maintained electrical panels and circuits.
- Performed motor wiring and electrical connections.
- Read electrical diagrams and performed electrical troubleshooting.
- Managed electrical service activities independently from initial assessment through completion.

MBC ENGENHARIA E CONSTRUÇÃO LTDA.
General Office Assistant
Jan 2020 – Apr 2020 | Angra dos Reis, Brazil

- Supported administrative and operational activities within an engineering and construction company.

INDEPENDENT ELECTRICAL SERVICES
Electrician
Feb 2019 – Dec 2019 | Angra dos Reis, Brazil

- Performed electrical installation and maintenance services.
- Executed electrical connections, repairs and troubleshooting.
- Provided services according to customer requirements and technical specifications.

BRAZILIAN ARMY — ESTADO-MAIOR DO EXÉRCITO BRASILEIRO
Temporary Soldier
Mar 2018 – Jan 2019 | Curitiba, Brazil

- Served as a temporary member of the Brazilian Army.
- Developed discipline, teamwork, responsibility and adherence to established procedures.
- Received a Certificate of Merit for professional performance.

EDUCATION

ESCOLA TÉCNICA MERCURY — Rio de Janeiro, Brazil
Technical Degree in Electrotechnics — 2024

COLÉGIO ESTADUAL ROBERTO MONTENEGRO — Angra dos Reis, Brazil
High School Diploma — 2016

TECHNICAL TRAINING & CERTIFICATIONS

- NR-10 — Electrical Installations and Services
- NR-12 — Machinery and Equipment Safety
- NR-33 — Confined Spaces Safety
- NR-35 — Working at Heights
- HUET — Helicopter Underwater Escape Training
- CBSP — Basic Offshore Safety Training

ADDITIONAL TRAINING

- Microsoft Office — Intermediate
- English — 50-hour course
- Python — Basic
- HTML5 — Basic
- Java — Basic
- Linux — Basic

LANGUAGES

Portuguese: Native English: Basic

PROFESSIONAL RECOGNITION

Certificate of Merit — Brazilian Army

To obtain an Electrical Technician or Maintenance Technician position in the United States, contributing hands-on experience in nuclear power plant electrical maintenance, industrial electrical systems, MCCs, electrical protection, transformers, motors, VFDs, instrumentation, electrical testing and troubleshooting.
My objective is to build a long-term international career while contributing technical expertise and a strong commitment to reliable and safe industrial operations.