



Dredging and Maritime Management sa
34-36, Parc d'Activités Capellen
L-8308 Capellen
Grand Duchy of Luxembourg
T +352 39 89 11
F +352 39 96 43
info@dmmlux.com | www.jandenu.com

Job Description: Second Electrician – Backhoe Dredger

Reports to: First Electrician – Backhoe Dredger

A **Second Electrician – Backhoe Dredger** plays a critical role in a dredging project. Your primary responsibility will be to operate and maintain electrical systems and equipment on backhoe dredgers. Safety, efficiency, and adherence to regulations are essential in this role.

Responsibilities and Competencies:

In the absence of the First Electrician, responsible for organizing and controlling maintenance work, reviewing, and repairing all electrical and electronic installations specific to the backhoe dredger, including:

- Electrical power plants dedicated to backhoe dredging operations
- Main, auxiliary, and emergency distribution panels and control panels for backhoe dredging equipment
- All starting and distribution equipment related to backhoe dredging operations
- All alarms, safety devices, and remote control equipment specific to backhoe dredging activities, including testing
- Emergency electrical equipment dedicated to backhoe dredging operations, including weekly testing
- Fire detection system tailored for backhoe dredging activities, including sensor testing
- Automatic systems, IMC systems, navigation equipment relevant to backhoe dredging operations

Normal Repetitive Tasks

- Maintains a comprehensive record of maintenance, review, and repair work on all electrical equipment, electronic devices, and assigned safety equipment specific to backhoe dredging operations. Weekly reports to be sent to the main offices.
- Immediately reports abnormal results to the First Electrician or Chief Engineer.
- Emergency Situations: Participates in emergency situations on board related to backhoe dredging operations and follows orders given by the officers in charge.
- Emergency Preparedness: Participates in the established program for exercises and practices preparing emergency measures specific to backhoe dredging operations according to ship procedures.
- Safety Prevention Training: Participates in practical familiarization training courses as a trainer for the prevention of risks and hazardous occurrences in electrical equipment and material specific to backhoe dredging operations.
- Ensures the correct and prompt execution of orders from the First Electrician or Chief Engineer regarding backhoe dredging operations and is accountable to them.
- Monitors maintenance planning and repairs carried out by engineers in the workshop specific to backhoe dredging equipment. Supervises all workers in the workshop. Maintains an inventory of spare parts and stocks of tools and materials in the workshops tailored for backhoe dredging operations in AMOS.

➤ **Terms of Employment:** full time, 2 months contract, rotational



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- **Benefits:** Benefits package applicable or foreign service premium and travel allowance may be applicable when employee is travelling outside of home country
- **Location of Work:** Argentia, Newfoundland, Canada
- **Contact Information:** info@do-jdn.com
- **Language of Work:** English and Dutch (optional)
- **Skills/Education/ Work Experience:** experience in backhoe dredger operations is essential, along with proficiency in troubleshooting, repairing, and maintaining electrical systems. Practical knowledge of electrical systems in maritime settings is required
- **Salary Information:** \$42.31 - \$54.17 CDN per hour
- **Number of Positions:** 3.