

INEL KUDUMOVIC

Electrical & Machinery Commissioning Engineer – Maritime Sector

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PROFESSIONAL SUMMARY

I'm an experienced Electrical and Machinery Technician with over 6 years of hands-on work aboard commercial ships. My background spans installation, testing, and commissioning of complex electrical and machinery systems, including both high and low voltage networks. I'm comfortable troubleshooting fire safety, power distribution, and automation systems — and I thrive in environments where precision and safety matter. I've worked closely with international classification societies like Lloyd's Register, RINA, and DNV, making sure every project meets rigorous global standards.

CORE COMPETENCIES

- Electrical & Machinery Commissioning
- High & Low Voltage Systems
- Fire Detection & Safety Systems
- Automation & Control (PLC, VFDs)
- Marine Power Distribution
- HVAC & Refrigeration Electrical Systems
- Project Management
- Technical Documentation
- Troubleshooting & Problem-Solving
- Team Leadership
- AutoCAD, Microsoft Office Suite

PROFESSIONAL EXPERIENCE

Navielektro – Croatia

Electrical & Machinery Commissioning Specialist (2018–2024)

Shipyards: Meyer Werft Papenburg, Brodosplit Shipyard

Projects: Silver Ray, Silver Nova, Carnival Jubilee, Arvia, Iona, Disney Wish, Spirit of Discovery, Spirit of Adventure

Machinery Commissioning

- Led the installation and connection of main switchboards, MCC panels, and IAMCS cabinets across multiple high-profile cruise ships.
- Configured and tested pumps, soft starters, and variable frequency drives (VFDs) to ensure efficient machinery operation.
- Installed critical sensors for monitoring pressure, temperature, flooding, and valve control — ensuring seamless system integration.

Electrical Commissioning

- Worked on a wide range of systems in public spaces: from lighting and loudspeakers to automated doors and safety alarms.
- Set up and commissioned fire detection and suppression systems, as well as complex automation systems for lighting and access control.
- Installed key fixtures and devices — including chandeliers, sockets, speakers, and emergency systems.

Site Manager

- Managed electrical installation teams for dining and laundry facilities aboard Spirit-class ships.
- Ensured installations were safe, code-compliant, and ready for inspection by shipowners and classification bodies.

Electrical Technician

- Installed and wired essential equipment in AC units, server rooms, and refrigeration systems.
- Oversaw cabling for navigation bridge systems and power transformers.
- Installed light distribution cabinets and sealed cable penetrations using the Roxtec system.

EDUCATION

High School Diploma – Electrical Energy Technician

JUMSS Banovici, Bosnia and Herzegovina – 2011

LANGUAGES

- Bosnian/Herzegovinian – Native
- English – Fluent

ADDITIONAL INFORMATION

- Marital Status: Single
- Willing to relocate and travel internationally