



APPLY NOW

Qualified candidates are invited to submit their application by sending an email to:

careers@frpd.com

Please state job title in email subject line.

Visit our website: www.frp.com and apply online

We thank all applicants for their interest; only candidates who have been selected for an interview will be contacted.

FRPD.com/careers

ELECTRICIAN

Fraser River Pile & Dredge (GP) Inc. (FRPD) is Canada's largest Marine & Infrastructure, Land Foundations and Dredging contractor. The company is privately owned with operations mainly in Western Canada and projects reaching across the country.

FRPD is a growing, award-winning company with significant opportunities for advancement. We know that our success is through our people and we focus on developing talented individuals looking to take advantage of the diverse scope of our many exciting projects.

OVERVIEW

We are seeking an **Electrician**, who will be based on the *FRPD 309*, a trailing suction hopper dredger that is currently dredging in the Fraser River.

DUTIES & RESPONSIBILITIES

The Electrician reports to the Chief Engineer and is responsible for the duties as outlined below. Trained and familiarized Electricians are authorized to work independently during their watch.

The duties of the Electrician include, but are not limited to:

- Troubleshoot, install and repair wiring, fixtures, and equipment for all electrical and electronic systems on board FRPD vessels (and marine facilities, if required).
- Perform maintenance and repair of ship supply power generators, shaft generators, propulsion system, steering, hydraulics, switchboards, controllers, circuit breakers, electrical motors, distribution panels, alarm and lighting circuits, PLC and MSA dredging system, general dredging electrical system, navigation system and bridge equipment, deck machinery, galley electrical installation, refrigeration and air conditioning.
- Install conduit to bulkheads with brackets and screws, using hand tools, and thread wires through conduit to terminals; for example, connection boxes, circuit breakers, voltage regulators, and switch panels following Class rules.
- Connect power-supply circuits to radio, radar, draft sensors, fire control, and other electrical and electronic equipment.
- Test electrical characteristics; for example, voltage, resistance, and phase angle, in circuits, using voltmeters, ohmmeters, and phase rotation indicators.
- Construct and install instrument panels, using hand tools, rulers, dividers, and power drills, following specifications.
- Troubleshoot electrical and electronic equipment and circuits using appropriate test equipment to detect and effect required maintenance, repairs, or replacement.
- Conduct insulation resistance measurements of electrical cables to determine condition and effect repairs or replacements as required; provide a detailed report.
- Participate in the installation and/or alteration to electrical systems on board FRPD dredging vessels; update ship's electrical drawings.
- Maintain electrical system maintenance histories noting date, and extent of repairs and/or alterations, including measuring tools calibration records.
- Keep maintenance records up to date in COGZ vessel's maintenance system.



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SKILLS, KNOWLEDGE AND REQUIRED COMPETENCIES

- Red Seal Industrial Electrician
- Marine Medical Certificate, Transport Canada
- Certificate of Proficiency in STCW Basic Safety
- Marine Basic First Aid

WORKING CONDITIONS

- 12-hour days with overtime as required
- Unionized position with the Canadian Merchant Service Guild

This position is challenging, interesting and will be well suited to an individual looking to further expand their existing skill set and take part in an exciting experience within a strong and healthy work environment.