



Job Title:	Maintenance & Manufacturing Electrician	Location:	Port Alberni
Department:	Operations	Employment:	Full-Time
Reports To:	Manufacturing Director		

About IGV Housing

IGV Housing is redefining how homes are built in Canada. From our advanced manufacturing facility in Port Alberni, we deliver precision-built homes through the country's first true Hybrid Construction System—combining the speed of off-site manufacturing with the flexibility of on-site construction.

Our patented SmartCore and PrecisionBuilt systems allow us to build homes up to 50% faster, with dramatically less waste and significantly lower cost. Every home is engineered for quality, energy efficiency, and long-term durability, making housing more attainable for Canadians while strengthening communities.

At IGV Housing, our mission is clear: drive the price of housing down and bring homeownership back within reach. We are building more than homes—we are building opportunity, stability, and a better future for the next generation. Join a team leading the shift toward smarter, faster, greener residential construction across the country.

Position Summary

We are seeking a **Red Seal Electrician** to join our growing operations team in Port Alberni.

This is a hands-on, high-impact role responsible for:

- Maintaining and optimizing the electrical systems of our manufacturing facility
- Supporting production equipment, automation, and plant infrastructure
- Overseeing electrical integration within our housing production line

This is not a traditional construction role. It is a manufacturing + systems-focused position suited to someone who enjoys problem-solving, improving processes, and working in a fast-paced production environment. You will play a key role in:

- Reducing downtime
- Improving system reliability
- Supporting the scale-up of IGV's manufacturing operations

Key Responsibilities

1. Facility Maintenance & Infrastructure

- Perform diagnostics, maintenance, and repair of facility electrical systems
- Support power distribution, lighting, ventilation, and building systems
- Ensure compliance with CSA, WorkSafeBC, and Canadian Electrical Code (CEC)
- Support installation and commissioning of new facility infrastructure
- Maintain maintenance logs and inspection records

2. Manufacturing Equipment & Automation Support

- Troubleshoot and maintain production equipment including:
 - CNC machinery
 - Conveyors and material handling systems



- Sensors, control systems, and HMIs
- Support integration of new equipment and system upgrades
- Assist with commissioning and optimization of production systems
- Reduce downtime through effective troubleshooting and preventative maintenance

3. Production Electrical Integration

- Support electrical installation within IGV's housing production line
- Conduct quality checks on factory-installed electrical components
- Assist with testing and commissioning of systems prior to delivery
- Collaborate with design and production teams to improve integration efficiency
- Support occasional site troubleshooting and feedback loops

4. Continuous Improvement & Training

- Contribute to improving electrical processes and system efficiency
- Support development of standard operating procedures (SOPs)
- Assist in training and mentoring junior team members or apprentices
- Promote safe work practices and high-quality workmanship

Qualifications Required:

- **Red Seal Electrician Certification (required)**
- 3–5+ year's experience in manufacturing, industrial, or construction environments
- Strong understanding of:
 - Canadian Electrical Code (CEC)
 - Electrical diagnostics and troubleshooting
 - Reading schematics and technical drawings

Qualification Preferred (not essential):

- Experience with:
 - Automation / PLC systems
 - Industrial equipment maintenance
 - Manufacturing environments

Core Competencies

- **Safety First:** Consistently follows safe work practices and procedures
- **Technical Capability:** Strong troubleshooting and problem-solving skills
- **Ownership & Accountability:** Takes responsibility for work and outcomes
- **Team Collaboration:** Works effectively in a fast-paced, team-based environment
- **Continuous Improvement Mindset:** Identifies opportunities to improve systems and processes

Why Join IGV

- Be part of a company transforming how housing is built
- Work in a modern manufacturing environment (not traditional construction)
- Stable, consistent hours



- Opportunity to grow as the company scales
 - Contribute to building a high-performance production team
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IGV Culture

At IGV, we operate with a high-performance mindset:

- We move fast
- We take ownership
- We solve problems
- We work as a team

Safety and quality are non-negotiable.

Compensation

- **\$36 – \$42 per hour (\$76,000 – \$87,500 annual salary) based on experience**
 - Full-time 40 hour week - Monday to Friday 7:30 AM – 4:00 PM
 - Overtime may be required from time to time to support production, maintenance, or commissioning activities
 - Occasional weekend work may be required based on operational needs
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Indoor Manufacturing Environment

- Work is performed primarily indoors in a structured factory setting, protected from weather conditions such as rain, wind, and extreme temperatures
 - The facility is designed for consistent, predictable working conditions, supporting safe and efficient production
 - Unlike traditional construction roles, work is not impacted by weather delays or site variability
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