

# Manuel Raposo, Mechanical Contractor

[Manuel.C.Raposo@gmail.com](mailto:Manuel.C.Raposo@gmail.com)

Work: 250.635.9523

Mobile: 250.615.9300

## Introduction

Interested in a challenging opportunity to contribute to the successful execution of projects and share my experience and knowledge to ensure the projects are completed successfully.

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## Summary of Skill Sets

### Projects

As a prime contractor on numerous large scale projects I am informally familiar with all aspects of project management including manpower planning, the organization of shutdowns, and work coordination with operations. I have experience in equipment specifications, estimates and budgeting, quality assurance, job hazard assessment, safety requirements, and commissioning activities.

### Welder / Fabricator / Machinist

As a welder and fabricator for the past 40 years, I have significant experience in the handling, specification and fabrication of materials for industrial environments.

I am familiar with the proper utilization of the complete range of materials including: steel, aluminum, and cast iron alloys.

### Mechanical / Millwright

I have provided mechanical and millwright services for the entirety of my career including the design and fabrication of components to the installation and commissioning of wide range of mechanical hardware.

As the prime mechanical contractor for numerous Greenfield and Brownfield sites, I have significant experience in the overall organization and interaction of systems required to successfully realize and operating mill.

### Electrical / Instrumentation / Civil

Throughout my career I have been required to work on and troubleshoot all aspects of a site, from the installation of electrical and instrumentation equipment including motors, drives, and MCCs to the civil requirements of foundations, footings, and wood framed construction.

## Employment / Project Experience

Western Pacific Metalworks Ltd. – Terrace, BC

1981 – Present

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*Owner / Manager / Millwright / Machinist / Welder*

*\*\*Only relevant project experience listed.*

### **Gold Mine (Usak, Turkey) [2011]**

**Mechanical Construction Support** — Responsible for the management, supervision, and support of mechanical/welding crews to realize the successful startup of various material handling equipment.

Site hardware included; static feeders, crushers, and conveyor lines

### **Fuel Terminal (Terrace, British Columbia) [2009]**

**Fuel Distribution System Upgrades** — Responsible for the removal, repair and replacement of site hardware including; pumps, testing stations, valves, piping, instrumentation, and tanks. This contract was executed under stringent safety procedures of an active fuel terminal.

### **Fuel Terminal (Queen Charlottes, British Columbia) [2008]**

**Fuel Distribution System Upgrades** — Responsible for the mechanical upgrades of the site including a complete replacement of tank bottoms.

### **Veneer Plant (Ho Chi Mien, Vietnam) [2007]**

**Veneer Plant Reassembly** — Overseen and directed the complete re-assembly and installation of the veneer plant hardware including; slicer, dryer, shears, scanners, feed tables, belt & chain conveyors, and electrical equipment of dismantled Veneer Equipment.

**Veneer Plant Disassembly** — Dismantling and extraction of a Veneer facility located in Terrace, BC. The project included the electrical and mechanical removal of equipment and loading onto containers for shipment overseas.

### **Sawmill Plant (La Crete, Alberta) [2004]**

**Trimmer Line Installation** — Mechanical & Structural Installation of a \$2 Million - 100' board trimmer line. Installations included in feed decks, board dealer, and time log table, trim saws, trimmer out feed log chain, and incline deck, scanner, and even end rolls. Executed the contract within 3 week timeframe while managing a crew of 10 welders/millwrights.

### **Alumina Smelter (Kitimat, British Columbia) [2000]**

**Alumina Distribution Conveyor Upgrades** — Responsible for the mechanical upgrade of the plant's primary alumina distribution system. This included the replacement and installation of the majority of the conveying system hardware while maintaining a strict schedule to maintain production.

**Kalum Wood Products (Terrace, British Columbia) [1990]**

**Sawmill Installation** — Prime mechanical contractor for the erection, assembly, and commissioning of a complete \$6 Million sawmill. Contributed to all aspects of the installation while managing a 20 man crew.

**Project Starship (Terrace, British Columbia) [1988]**

**Sawmill Installation** — Prime mechanical contractor for the construction, erection, assembly, and commissioning of a complete \$44 Million sawmill. Responsible for the day to day project management and coordination of a 44 man crew

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## Education

- FIR101 (Welding) Certified – Government of British Columbia - 1973
- CWB S/S Complete Certification - Government of British Columbia - Active
- TQ (Millwright) Certified - Government of British Columbia - Inactive

## References

Available upon request.