

# Zachary Doyle

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## Experience

**Seaspan Vancouver**  
North Vancouver, BC  
*Journeyman Electrician*  
2017-present

- lock-out coordinator during ship commissioning, ensuring worker safety, and facilitating an ambitious test and trials schedule
- Shop steward, ensuring smooth a relationship between management and labour interests
- Electrical work on multiple phases of new ship construction, including precision instrumentation, tray layout and installation, pulling and terminating cable.
- Trained apprentices, acted as temporary lead hand, upgraded confined spaces training
- Discovered fit and layout problems in the engineered drawings and suggested fixes.

**McRae Electric**  
Burnaby, BC  
*Journeyman Electrician*  
2016

- Completed navigation lighting upgrade program for three BC Ferries vessels.
- Upgraded marine cabling and wiring systems including retrofitting.

**Bantrel**  
Delta, BC  
*Construction Electrician*  
2016

- Tilbury Island LNG facility expansion project
- Worked with ladder and channel tray, hazardous locations, electrical heat trace, and PLC terminations in a time sensitive, very safety conscious environment
- Coordinated with other trades, engineers and plant operations personnel

**BC Ferries**  
Prince Rupert, BC  
*Engine Room Assistant*  
2015-2016

- Assisting the watch-keeping engineer with their duties, confined space entry, regular maintenance of ship's equipment, operation of machinery, valves, and fueling equipment.

**PCL Intracon Construction**  
Edmonton AB  
*Construction Electrician*  
2013-2015

- Member of a large (700+) crew of electricians building a SAGD oilsands facility southeast of Fort McMurray
- Filled in as Foreman, and Sub Foreman on temporary basis as needed
- Worked with ladder and channel tray, hazardous locations, electrical heat trace, and PLC terminations in a time sensitive, very safety conscious environment
- Coordinated with other trades, engineers and plant operations personnel

**Cypress Mountain**  
West Vancouver, BC  
*Maintenance Electrician*  
2011-2013

- Maintained chairlifts, communications networks, and facility systems, in accordance with provincial safety regulations, and company maintenance schedules.
- Responded to power outages and chairlift incidents quickly, and effectively diagnosed and solved issues.
- Responsibilities included chairlift controls, drive motors, 12.47KV distribution, HVAC systems, snowmaking equipment, hill lighting, phone and network infrastructure, and building wiring.
- Planned, priced, and executed upgrades to infrastructure during a time-limited work season in the summer months.

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**Ross Morrison Electric**  
Vancouver, BC  
*Apprentice Electrician*  
April-November 2011

- Performed major and minor renovations in sensitive environments including an operating sugar refinery and a sulphur loading dock.
- Acted as a first aid attendant on a small site.

**SASCO Contractors Ltd**  
Vancouver, BC  
*Apprentice Electrician*  
August 2009-April 2010

- Worked with small groups to solve problems in continuously evolving commercial environments.
- Displayed willingness to work long hours, and performed shift work to accomplish goals in line with customers' needs.
- Worked with large scale wire pulls (as large as 750 MCM copper) and piping projects (4" EMT).

**Victoria Shipyards, Inc**  
Victoria, BC  
*Apprentice Electrician*  
January 2007-September 2007

- Worked closely with other trades and technicians to deliver a high quality product under a demanding schedule.
- Certified for forklift and completed confined space training specific to Victoria Shipyards.
- Assisted the temporary lighting department with maintaining electrical equipment including large scale external lighting, and explosion proof fans.

## Education

- British Columbia Institute of Technology – Burnaby, BC  
Apprenticed with IBEW as Journeyman Electrician. (2006-2012)
- Capilano College – North Vancouver, BC  
Relevant coursework includes linear algebra, and multi-variable calculus; physics focus and chemistry. (2002-2005)
- British Columbia Institute of Technology – North Vancouver, BC.  
Completed the Marine Engineering Cadet Program. (2001-2002)

## Courses

- ACIM 5040 Variable Frequency Drives and Servos - May 2018
- Terminating and Splicing Medium Voltage Cables - 2018
- Certified Fiber Optic Technician - June 2018

## Qualifications

- OSSA Elevated Work Platform operator certification January 2014
- OSSA Fall Protection Certification May 2016
- Received Red Seal November 2012
- BC Standard First Aid, expires August 2019
- Acquired M.E.D. Certifications (A1, B1, B2) and an oil tanker safety certification.

## Skills

- Able to interpret and implement technical drawings.
- Completed arc flash awareness course offered by IBEW Local 424
- Familiar with Allen Bradley, Pilz PLCs, and relays.
- Excellent wire layout skills; installations are neat and well-planned.
- Quick to notice inconsistencies in installations and drawings.
- Familiarity with Office, including Excel.
- Competent at welding, cutting, and machining steel.
- Completed a solar photovoltaics course
- Worked with ship systems, diesel engine repair, hydraulics and piping systems.
- Well-versed with procedures in a wide variety of industrial work environments, and working within an operating facility.

*References provided upon request*