

Kenneth A. Walton

PROFESSIONAL MEMBERSHIPS

Member, Applied Science Technologists and Technicians of BC (ASTTBC)

EMPLOYMENT / PROJECT HISTORY

<u>Customer:</u>	<u>Project:</u>	<u>Services:</u>
Fluor Vancouver	Fort Hills Oil Sands Project	<ul style="list-style-type: none"> • Autoplant Instrumentation Administrator, fibre optic network design and specialty instrumentation systems package engineer.
Advanced Drives Inc.	Gibraltar Mine	
BC Hydro	Universal Spare Exciter	<ul style="list-style-type: none"> • Provided design detail and field research for universal spare exciter for 6 core plants.
Fluor Vancouver	Safford Heap Leach Project (Freeport-McMoRan formerly Phelps Dodge)	<ul style="list-style-type: none"> • Design of field distributed I/O using Controlnet, Foundation Fieldbus and wireless links. Provided technical assistance with site-wide fiber communications network design. Generated cable schedules from InTools.
Fluor Vancouver	Morenci Concentrator Re-start Project (Phelps Dodge)	
Fluor Vancouver	Cerro Verde Project (Phelps Dodge)	<ul style="list-style-type: none"> • Lead Instrumentation role. I&C design and commissioning of new 3500 TPH material handling addition.
Finning Power Systems	Richmond	
BC Hydro	Wahleach Gen Stn. PAM Project	<ul style="list-style-type: none"> • Design of custom diesel generator control system for 4 x 5MW units for Cayman Islands protection, alarm and metering system.
BC Hydro	Puntledge Gen Stn. PAM Project	
Summit Power	Doran Taylor & Soo River Gen Stn's.	<ul style="list-style-type: none"> • Project management for Sequoia team design the protection, alarm and metering panel.
BC Hydro	Cheakamus Gen Stn. PAM Project	
BC Hydro	GM Shrum Gen Stn.	<ul style="list-style-type: none"> • Exciter replacement for eight 270 MW generators.
AGRA Simons for Cominco Alaska	Red Dog Mine	<ul style="list-style-type: none"> • PLC & HMI for two 5 MW diesel generator sets, ancillary and synchronizing systems.
AGRA Simons for Norske Canada	Elk Falls	
BC Hydro	Alouette Gen Stn.	<ul style="list-style-type: none"> • PLC system for (NCG) Non Condensable Gas upgrade.
BC Hydro	Tsawwassen /Duncan	
Summit Power	Doran Taylor Gen Stn.	<ul style="list-style-type: none"> • PLC-based remote adit gate control • PLC-based de-humidification control for HVDC converter system (VIT and ARN stations)
Summit Power	Soo River Gen Stn.	
Summit Power	Soo River Gen Stn.	<ul style="list-style-type: none"> • Addition of PLC based remote intake gate control • Generator PLC control modifications for fish flow • Modification to PLC control of headwater level sensing system for control of plant power production

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Cypress Solutions	North Vancouver	<ul style="list-style-type: none"> • Project management for Inforetech golf information system (differential GPS based)
BC Hydro	G.M. Shrum Gen Stn.	<ul style="list-style-type: none"> • Governor replacement on five 270 MW generators
Cdn Auto Parts Toyota	Richmond, BC	<ul style="list-style-type: none"> • Bad part detection- vision system integration to existing AB SLC500 PLC
BC Hydro	BC	<ul style="list-style-type: none"> • Year 2000 inventory, testing and remediation.
TwinPak	Langley, BC	<ul style="list-style-type: none"> • Laminator, winder, mandrel handling control system upgrade
Westcoast Energy	Aitken Cr / Flatrock Ck.	<ul style="list-style-type: none"> • Metering station control upgrade
Summit Power	Soo River Plant	<ul style="list-style-type: none"> • Rubber dam control system upgrade
Summit Power	Doran Taylor Plant	<ul style="list-style-type: none"> • Intake/powerhouse SCADA system upgrade
BC Hydro	Hugh Keenleyside	<ul style="list-style-type: none"> • Navlock control system upgrade
BC Hydro	Van. Island Terminal	<ul style="list-style-type: none"> • Synchronous condenser control system upgrade
BC Hydro International	Idaho Power	<ul style="list-style-type: none"> • Partial discharge monitor commissioning and training
BC Hydro	Revelstoke and Seven Mile Gen Stns	<ul style="list-style-type: none"> • Sequence of event recorder integration design and training
BC Hydro	John Hart Gen. Stn.	<ul style="list-style-type: none"> • Factory testing of protection and control panels
BC Hydro	Keogh Gen. Stn.	<ul style="list-style-type: none"> • 125VDC/24VDC station service upgrade
BC Hydro	Seven Mile Gen. Stn.	<ul style="list-style-type: none"> • Gas turbine field flashing addition
BC Hydro International	Venezuela	<ul style="list-style-type: none"> • Spillway gate control system testing
BC Hydro International	Brazil	<ul style="list-style-type: none"> • Air gap monitoring installation, commissioning and training

Please note that only major projects have been listed.