

## Introduction

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As I have been in the construction industry since 1994, therefore I would introduce myself proficiency in M&E working experiences completing numerous prestigious project. Attaining Industrial, Commercial and residential experience as well as Oil Sand Industry experiences focused on quality production, safety and customer satisfaction. First of all, I am adaptability and flexible to work environment be it job site, or co-worker. Adept in performing electrical installations, PLC Control, cabling of security alarm, internet cabling, maintenance and repairs in homes and plant facilities; knowledgeable in all areas of the national electrical code; and excel at analyzing and solving problems with various electrical controls and systems. Proficiency in Microsoft office and computer literate.

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## Education & Certificates

QAQC Management Certification EITC 20117

Electric Vehicle Infrastructure Training Program Certificate Feb 2016

BSC Better Supervision Course Certificate Jan 29, 2016

Value Engineering Certificate Jun 8, 2009

Canada Red Seal Inter-Provincial Certification Electrician June 4, 2007

Underground Services Detector Technician License Singapore Power Grid Jan 8 2001

Electrician License Singapore Power Grid Utility Board Jan 28, 1998

Degree of Bachelor of Engineering (Electrical) National University Singapore 10 June 1992

Electrical Engineering Technician City & Guilds of London Institute 5<sup>th</sup> Feb 1985

Power Transmission Industrial Technician Certificate Diploma from Singapore Technical Institute 26 June 1981

Electrical Fitting & Installation (Domestic and Industrial) from Vocational & Industrial Training Board 7<sup>th</sup> Feb 1980

## Valid Tickets

Ontario College of Trade Electrician 309A member 2018 to 2019

Fall Protection Oct 2017 to Oct 2020

Elevated Work Platform Oct 2017 to Oct 2020

CSTS-09 & ESTS Apr 24 2018

WHMIS Mar 11 2014

First Aid Level C Apr 2018 to Apr 2021

H2S Alive Jul 2018 to Jul 2021

OSSA Fire Watch July 2018

Confined Space Monitoring Apr 2018 to Apr 2021

QAQC Field Inspection Nov 2016

QAQC Management Dec 09 2017

Solar Panel Installation May 2018

Altalink Utility Worker Aug 27 2015

High Voltage Installation May 2011

High Voltage Protection Skill Apr 2011

Electrical Motor Control System Apr 201

## **Skills & Projects**

QAQC Foreman @ SunnyBrooks 500 KV ACDC Converter Station

Journeyman Electrician Field worker "Hand-ON" & Foreman experiences

Electrical Field Engineer @ Enmax Sheppard Energy Center 800 Megawatt Station 2013

Electrical Estimating & Budgeting (Elec-Cal Program & MC2) + Project Safety Vs Project Progress

Project Coordination and Management of Full project from planning to closeout.

Electrical Troubleshooting and Preventing Measure competent

Proficiency in online program which used to track progress, schedule, manpower and materials

Deep conceptual knowledge of contract specification, drawings and specification

Deep conceptual knowledge of construction, estimating, tendering as well as **VALUE ENGINEERING**.

## **Working Experiences**

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Shinryo Engineering Tree Ltd, Canada

Self Employed Journeyman Electrician, Jan 2018 to Present

e-marketing jobs, estimating & bidding jobs from city town council and potential new construction including renovation work, installation of control panel, CCTV, Security Alarm and associated works.

Summary of job include but are not limited to:

- Open work permit application
- Setting up and Rough-in electrical work
- Support both customers and other trades people onsite
- Electrical Cabling & Installation work
- Cables Termination in DB & Control panel
- Complete testing
- After sale service PR connection
- Other duties as required

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Aecon Industrial West Canada

Journeyman Electrician & (Instrumentation Apprentice) from Aug 2017 to Dec 2017

After working a short shutdown job in Suncor Oil Sand base Plant, I was retained by electrical contractor to install EHT on fabricated pipes work, inclusive of testing and commissioning in Sherwood Park MOD Yard for months before laid off due to shortage of work.

- Demolition, preservation and re-installation of electrical DB and control panel
- New installation of additional DB, new motor, new control panel and sensor
- New installation of instrument meter & tubing control.
- Demolition of EHT, installation of EHT to new heavy equipment
- Receive EHT, test and installation of EHT on pipes
- Conduct QAQC, Testing and commissioning

Fluor Constructor Canada

QAQC Inspector from Aug 2016 to June 2017

Project Suncor East Tank Farm @ Fort McMurray Oil Sand AB

- Read, Interpret drawings, specification and contract requirements
- Compile, documentation, RFI, and relevant paper works
- Walk down Inspection with latest drawings
- Generate Deficiencies, rectified minor deficiencies as well as verified punch list

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Chemco Electrical Contractor

QAQC Foreman from Feb 2015 to Dec 2015

Project Altalink ACDC Converter Substation @ Sunnybrook AB

- Conduct Daily Safety Tool Box Talk
- Read, Interpret drawings, specification and contract requirements
- Compile, documentation, RFI, and relevant paper works
- Assigned QAQC Inspection task
- Coordinate all QAQC Inspection activities with QC management
- Joint-Inspection with client representative
- Generate Deficiencies, rectified minor deficiencies as well as verified punch list
- Monitor progress, Non Conformance, Report and Daily Report

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KBR Industrial Canada

Journeyman Maintenance Electrician from Aug 2013 to Nov 2014

Project Imperial Oil Sand @ Surmont Phase 1

- Trouble shoot PLC control Panel
- Reinstate EHT, test and commissioning
- Preventive measure and maintaining existing DB and Control Panel
- Installation of temp power for winterization
- Fabrication and installation of cable tray
- Cables termination

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Ganotec West ULC Canada

Electrical Field Engineer / Electrical Estimator from Nov 2011 to July 2013

Electrical Estimator @ HQ Acheson Office

- Weekly Tender conference meeting
- Take off E&I BQ from Tender Drawings
- Applying Estimated BQ to MC2
- Compiling BQ materials to supplier for quotation
- Monitoring and Updating Historical data from existing project for computer data base.
- Finalizing Estimation, proposal report

Electrical Field Engineer @ Sheppard Power Station of South Calgary

- Construction Engineering Field co-ordination
- Walk down and conduct M&E installation
- Identify deficiency, site progress as well as safety construction.
- Online Daily Progress report.
- Conduct Testing and commission
- Compilation & Files documentation Hand Over Package

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FT Services Ltd

Lead Electrician Maintenance from Oct 2010 to Nov 2011

Project Nexen Oil sand @ Long Lake Anzac AB

- PLC Troubleshooting
- Remove-reinstate EH
- Repair, Preventive Measure
- Installation of Temporary Power supply
- Daily, routine maintenance to electrical equipment, motor, batteries and DB
- Cables Dressing, cables termination
- Housekeeping

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PCL Intracon Power Inc

Project Coordinator from Mar 2009 to Aug 2010

Project Shell Scotford Upgrader Expansion @ Fort Saskatchewan AB

- Progress & Turn-Over Coordination
- Utilizing PCL En-scope Program progress tracking
- Compilation of Documentation, hand over package
- Tracking outstanding deficiency list
- Manpower distribution

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Unitech Electrical Constracting, Calgary

Electrician Journeyman Commercial from Jan 2008 to Mar 2009

- Installation of Conduits, cable trunking and cable tray
- Cables pull, cable dressing, cables termination.
- Installation of Z32 Grounding plates
- Installation of Fire Alarm conduits and cabling work
- Installation of BX cables in dry wall offices

Meinhardt Consulting Engineers (UAE)

Residence Chief M&E Engineer QAQC Engineer from Sep 2006 to Dec 2007

Project Abu Dubai National Oil Company

- Prepare the site Life cycle maintenance schedule
- Develop Equipment Isolation Plan
- Establishes manpower requirements and schedule major maintenance scope of work
- Maintaining process, procedure, scope identification
- Approval contractor proposal method of statement
- Manpower planning, schedule the Installation of Conduits, cable trunking and cable tray
- Prepare & compilation of equipment manual and operation procedure
- Forecast life span on equipment used

Meinhardt Consulting Engineers (Singapore) Pte Ltd

Residence Engineer (QAQC Inspector) from May 2003 to Sep 2006

Project Tuas Power Gas Station Stage 2, Additional & Alteration of mechanical & electrical works to existing power station.

- Management of M&E sub-contractors
- Coordination of designed drawings and construction drawings
- Materials & workmanship assurance on-site installation
- Liaison, addressing project and contractual matters
- Attending all site meeting
- Interface Shut-down and Turn-on time management
- Approval contractor proposal method of statement

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AHC Building Contractor Enterprises Ltd

M&E Manager from Apr 2001 to Apr 2003

Project Acendas Global Tele-Data Center of \$12 million project for 2 years

- Management of M&E Sub-Con
- Addressing M&E contractual matters, RFI and Variation order
- M&E site co-ordination, progress meeting and report to consultants
- Secure delivery & Storage of all M&E services installation on site
- Developed CSD drawing for approval
- Attending all site meeting and progress report submission
- Witness verification of testing and commissioning

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Rotary Engineering Ltd Singapore

Commission Engineer from Jan 1999 to Apr 2001

Project Exxon Mobil Chemical Complex @ Jurong Island

- Review construction drawings, commissioning method of statement
- Commission methodology and data base meeting

Qualify Application Position      Electrical Field Engineer, Journeyman Electrician, Electrical Estimator, QA/QC Inspector

- Conduct Dry-Run software application
- Conduct pre-Operation test and start-up procedure
- Liaison with operator and local utility-authority
- Compilation of documentation and certificates to client requirement

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Asia Pulp & Paper Company Ltd Singapore

Factory Construction M&E Engineer from Oct 1996 to Dec 1998

Project Construction of Pulp and Paper Factory @ Singapore Tuas Industrial Park

- Management of M&E Sub-Contractors
- Review and approval of M&E Sub-contractor Shop drawings submitted
- Review, verified and approve M&E materials, equipment delivered on site
- Attending weekly site meeting with Architect, QS, Contract Manager, and clients
- Monitor Site progress, daily and monthly progress
- Certified M&E progress claimed
- Materials & workmanship assurance on-site installation

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L High Tension Electrical Engineering Company Ltd Singapore

In-House Electrical Sub-Contractor for HTE Engineering from Jul 1994 to Oct 1996

- Installation of MCC Panel, DB and Isolator
  - Installation of HT Cables
  - Installation of underground pipework and underground cables
  - Installation of conceal conduit, surface trunking, sub DB and power points
  - Cabling, cables dressing and cables termination
  - Conduct testing to power outlets, lighting, DB and control panel
  - Installation of grounding system
  - Installation of lightning protection system
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