

# Jay E. Sather

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## Education

- 1996 – 2001      **Camosun College, Victoria, BC**  
Interprovincial Industrial Electrician  
Industrial Electric  
Yukon Apprenticeship Certificate of Excellence for  
each level.  
    Level I – 85.7%  
    Level II – 89.0%  
    Level III – 88.0%  
    Level IV – 88.0%
- 1993 – 1994      **Yukon College, Whitehorse, YT**  
Construction/Industrial Electricity - Level I  
Pre-Employment Program
- 1992 - 1995      **Yukon College, Whitehorse, YT**  
Oil Burner Technician Certificate  
100 Hours of training and a Final Exam
- 1992 - 1993      **Foley – Belsaw Institute, USA**  
Diploma, Professional Locksmithing
- 1991 – 1992      **Yukon College, Whitehorse, YT**  
Certificate, Building Maintenance
- 1986 - 1990      **University of Anchorage, AK**  
Electronics  
College Prep
- 1984 – 1985      **Southwestern Indian Polytechnic Institute,  
Albuquerque, NM, USA**  
Electronics

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## Technical Skills Include

### Communications:

- Punch Blocks: Siemen 66, AT & T, Bix
- Telephone Key Com Dial, Walker Poet and 1A2-Install, Systems: Program, troubleshoot and maintain.
- Two-Way Radios: Install, Troubleshoot and minor repairs.
- Satellite & Microwave: Set-up, Operate and troubleshoot any errors.

### Motor Control

- Motor & Lighting Control: Relays, Contactors and PLC's
- Building Control: Doors, Heating, Lighting Fire Alarms, Security Systems and Intercom systems.
- Electric Motors: Up to 500 Hp AC, Up to 4160 volt AC, DC Electric Motors, Water pumps up to 140 Hp, and Switch Gear up to 4160 volts
- Diesel & Electric Generators: AC Single phase to 3 phase  
Up to 2 Mega watt

### Wiring and Conduit

- Wire Way: EMT, Rigid, Wiremold Raceway, Wire tough, Rigid PVC, Flexible PVC, Flexible metal and Liquidtite flexible conduit.
- Wire: Coax, Shielded Audio and Instrument, Multi-conductor, Tec, Armored, Single conductor, Telephone, Data and Lumex

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## Technical Skills Include

### Power Conversion & Distribution:

- Transformers: Single phase, Three phase, Current, Voltage, and Instrument transformers.
- Alternate Energy: 75 Siemen Solar Panel, 2500 watt Trace Invertors, Battery chargers, Deep Cycle batteries, 3000 watt Vanier inverter.

### Lighting

High-pressure sodium, Metal halide, Fluorescent, Quartz and Incandescent.

## Work Experience

2004            **Electrics – Genny Operator**  
Tagish Lake Films Inc.  
Northern Town

Generator operator; setup and connect distribution cables.  
Lamp operator; setup, operate and repair (as needed)  
HMI, Tungstan and Keno Lights. Wrap up distribution  
cables and lighting.

Assemble ground plates, attach pigtail to ground c-clamp.  
Test 5K generator with use of 2 – 1200 HMI Lights.  
Troubleshoot Tractor mounted 1400A Whites Generator -  
Generator cannot be running at the same time as the  
tractor because they are both connected to the same fuel  
pickup tube.

2004            **Electrician**  
Axium Entertainment Services Canada  
The Big White

Generator operator; setup and connect distribution cables.  
Lamp operator; setup and operate 18K and 6K (HMI  
Lamps) in condor (60 feet from ground level). Wrap up  
distribution cables and lighting.  
Assemble transformer for use on 6500W generator.

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Whitehorse, YT Y1A 6G9

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## Work Experience

2003

### Electrician

Entertainment Partners Canada  
Ice Rain Productions (Yukon)

Set up generator, cables, and lighting on location.  
Troubleshoot ballast and auto transformer. Repair and  
test and rewire auto transformer. Made adapter for  
generator.

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## Work Experience

1995 – 2004     **Equipment Operator & Operations Manager**  
C. McLeod Contracting  
Ross River, YT

Job estimates, Contract preparation, Safety and Job Site Supervisor. Operate and Maintain Heavy Equipment. Fix electrical components. Regular maintenance of equipment, troubleshoot equipment problems and fix. Order required parts. Train employees on how to troubleshoot and maintain equipment. Install septic systems, maintain existing roads, construct new roads and remove old oil tanks and assist in soil sampling.

2001 – 2002     **Journeyman Electrician**  
Dynamic Systems  
Whitehorse, YT

Electrical renovation of the Faro Recreation Centre: Replace existing electrical breaker panel with a larger one, in order to accommodate additional equipment (wheelchair lift and automated door operators). Installed door holders that release in case of fire. Relocated and added fire alarms annunciators and detectors. Install and test standby generator(20kW) in Stebbins,AK. Troubleshoot and repair microwave antenna for a wireless network.

1999 – 2000     **Apprentice Electrician**  
Government of the Yukon  
Whitehorse, YT

Assists Journeyman Electrician in electrical maintenance, repairs and installation of electrical equipment for government buildings. Renovation of the central workshop by installing conduit, lumex, bx, voice and data (CAT5) lines. Installed lighting control and emergency shut down for all shop equipment. Estimate job costs and materials. Submit costs proposals for approval.

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## Work Experience

1998 – 1999     **Meter Reader and Community Operations**  
Yukon Electrical Ltd.  
Ross River, YT

Read energy meters once a month. Perform connect and disconnect jobs for customers. Maintain and operate standby generator. 24-hour standby for trouble calls and urgent or dangerous situations. Broken electrical lines, house fires, power outage, and generator problems. Troubleshoot and reboot PLC when generator problems occur. Submit work orders, disconnect and reconnect notices. Collect money from customers on disconnect notice.

1995 – 1998     **Apprentice Electrician**  
Anvil Range Mine  
Faro, YT

Assists in the maintenance and repair of electric Euclid haul trucks, 1100 Laternoue Loader, B&E blast drill, P&H 2100 shovel. Maintain and repair various mill equipment, communication, close circuit television and assisting instrumentation personnel: trace wiring, make adjustment to sensors, install and replace sensors. Line Crew work as ground-man, assemble poles for overhead power lines, install guy wires, ground poles and ground mat for air-break. Worked from Bucket truck. Shop maintenance: worked on overhead cranes 5 ton – 20 ton and also small boom mounted to large gantry style.

1991 - 1993     **Housing Maintenance**  
Ross River Dena Council  
Ross River, YT

Maintenance and repair of plumbing, carpentry, electrical and heating systems. Troubleshoot, repair and replace jet pumps, replace water tanks and repair copper water lines.

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## Work Experience

1984 – 1990     **Radio and Television Technician**  
Octagon Company Inc.  
Anchorage, AK USA

Installation and maintenance of various broadcast equipment: audio and video equipment. Installed, maintained and troubleshoot: radio antennas, microwave antennas and lighting rods on radio towers up to 150 feet in height. Also installed mountain top repeaters and satellite earth station for receiving and transmitting signals to satellites.

## Certificates

**Yukon Drivers License, License # 111279**  
Class 1, with Air Brakes Endorsement  
Expire: June 4, 2007

**Industrial Electrical Certificate #59**  
Interprovincial Standard Canada M-07-01007  
Apprenticeship completed 2001-05-18  
Interprovincial Issued: 2001-05-18

**Electrical Contractors License # 249**  
Class B, Electrical Contractor in the Yukon Territory  
Issued: April 23, 2002

**Industrial/Commercial End-User Fall Protection Certificate #52829**  
Issued: February 5, 2005 in Whitehorse, YT  
by Fall Protection Group

**Dana Naye Ventures**  
Time and Stress Management, March 7, 2002

**Walker Systems Corporation**  
Walker Product Training  
Certification Level III, May 25, 2001

**Skills Canada Yukon**  
Electrical Wiring, Silver Metal, 1999

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**Canadore College, Applied Arts and Technology**  
Oil Burner Technician  
100 Hours of Training and a final exam, March 27, 1999

**T.H.M. Silva & Associates Ltd.**  
Blasting and Explosives Course, May 8, 1995

## **Certificates**

**Wantok Ent. Ltd.**  
Transportation of Dangerous Goods  
Certificate of Training, May 3, 1995

## **Interest**

- Outdoors: Camping, Hiking, Operating snowmobiles, 4-wheelers, and an Argo.
- Indoors: Computers, communication equipment, alternate energy-wind and water.
- Volunteering: Skills Canada Electrical Competition in Whitehorse.
- Member: Northern Film and Video Industry Association.
- 1996 – 1998, Member of The Ross River Volunteer Ambulance Association

## **References**

Avi Federgreen, Line Producer/Production Manager, Northern Town –  
Pers Cell: 416.898.3456