



**Roy Arter**

**Mechanical Electrical Project Manager/Superintendent**

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**AREAS OF EXPERTISE**

Estimation, planning and scheduling

Quality control & inspection

Cost control

Contractor coordinating

Piping systems and pressure vessels

Maintenance Management Systems

**Ross Wilson & Associates Inc.**

**Greene Central School District**

**Mechanical Electrical Project Manager/Field Superintendent**

**\$36 Million**

Excel capital improvement project, Additions & Renovations at all 4 district educational buildings and the Bus Garage. New HVAC systems at all 4 educational buildings. Gym & Classroom Additions at the Intermediate School, and Entrance Addition at the Middle School. New multi-purpose synthetic turf athletics field at the Middle School/High School facility, renovated grass playfields at the Primary School. Bus Garage Wash Bay Addition and various minor renovations.

**LAFRAMBOISE GROUP LTD. Massena, New York**

**Project Manager**

Site Construction Manager on several projects including:

Lube oil plant expansion incorporating site fabrication of 12 new storage tanks and associated piping systems. (Value \$10 million dollars)

Sewage treatment plant upgrade. (Value \$20 million dollars)

New Ethanol plant construction. (Value \$12 million dollars)



**IOGEN CORPORATION. Ottawa, Ontario**

**Project Manager**

Manager on numerous construction projects in an ethanol plant, ranging from small plant re-fits to major projects with values in excess of \$5 million dollars.

- Developed project tracking infrastructure and templates.
- Liaison with Engineering, Contractors, Regulatory Authorities.
- Responsible for adherence to budget and schedule.
- Prepared budget estimates.
- Manager of new maintenance department.
- Developed practices and procedures for work order management.
- Hired and developed maintenance team members.
- Contributed and mentored new personnel in developing Preventative Maintenance program.
- Responsible for departmental budget and schedule.

**NITROCHEM CORP., Maitland, Ontario**

**Plant Inspector/Maintenance Supervisor**

Supervised 15 unionized tradesmen. Set up new inspection department to monitor plant equipment and piping systems as part of a predictive maintenance program.

Integrated modern inspection technologies;

Utilized failure analysis methods to ensure future reliability of components

Consulted with maintenance trades on repair/alteration issues

Responsibilities included maintenance scheduling and liaison with production department;

- Established new scheduling department
- Estimated and planned all scheduled shutdowns
- Managed all contractor labor
- Managed several projects occurring from major plant upsets including:



Entire rebuild of a nitric acid plant after a major fire (\$7 million dollars)  
Coordinated the rebuild of an nitric acid plant after an acid  
back-up (\$3 million dollars)

### **PIEHL ENGINEERING , Brockville, Ontario**

#### **General Manager**

Managed up to 16 employees in a multi-disciplined engineering, environmental and mechanical contracting company

- Doubled company profits within 2 years
- Extended core business to include environmental engineering, mechanical contracting and contract inspection

### **KILBORN INC., Toronto, Ontario**

#### **Quality Control Manager (Shell Canada plant in Brockville, Ontario)**

Managed quality control department for a large EPC contractor with a staff of 4 inspectors

- Designed and implemented inspection and test plans
- Coordinated site and vendor inspections
- Ensured that work met engineering standards and drawings  
Assisted in plant commissioning

#### **Mechanical Superintendent (B.F. Goodrich expansion in Niagara Falls, Ontario)**

Supervised up to 80 contractor employees at PVC Plant expansion (\$120 million dollars)

- Scheduled all mechanical work with contractors and production department
- Responsible for all field engineering requirements
- Approved all contractor progress payments
- Assured quality of workmanship



### **LAFRAMBOISE MECHANICAL, Cornwall, Ontario**

#### **Quality Control Manager**

Managed quality control departments in a piping systems fabrication shop

- Implementation and certification of quality systems
- Designed all welding procedures
- Integrated new fabrication technologies to improve shop production

### **QUALITECH CONSULTING SERVICES, Edmonton, Alberta**

#### **Oilfield Consultant**

Supervised several projects for Esso Resources Canada Ltd.;

Installation of oil and gas gathering system and related plant tie-ins in Norman Wells, North West Territories (\$300 million dollars)

Natural gas plant modifications in Judy Creek, Alberta (\$1.2 million dollars)

Installation of a solvent injection system in Redwater, Alberta (\$3 million dollars)

Revamp of existing natural gas plant in Rainbow Lake, Alberta (\$750 thousand dollars)

### **EDUCATION**

Industrial Radiographer Certification

Industrial Ultrasonic Technician

Magnetic Particle and Liquid Penetrant Inspection

### **CAREER DEVELOPMENT**

Maintenance Management System Workshop

Technical writing

Construction Supervisor seminars

Computer aided design and drafting

Computer literacy –Lotus 123

Lotus Notes

Microsoft Office

Microsoft Excel

Microsoft Project

Adobe Photoshop

**ROSS**  
WILSON  
& ASSOCIATES, INC.