



Engineered Products & Services

Providing Innovative Solutions to Keep Your Operation Running Efficiently and Reliably



History

Source Atlantic Engineered Products & Services has been operating since the late 60's originally started in the back of "Joe's Machine Shop" for the repair of welding machines and small motors. The EPS shop has undergone several renovations and updates to become the full service rotating equipment shop it is today. The diversity of our services and capabilities is unmatched in Atlantic Canada.



Our highly trained and specialized technicians provide the highest level of service and support on electro-mechanical equipment of all makes, models, and sizes. Our shops continue to be the most modern, fully equipped service facilities in Atlantic Canada.



Electro-Mechanical Equipment

- AC/DC Motors
- Synchronous Motors
- Transformers
- Variable Frequency Drives/Soft Starts
- Generators
- Welders
- Pumps
- Compressors
- Mixers
- Blowers
- Gear Boxes



Services

- Electric Motor Rewind and Repair
- DC Motor Repair and Load Testing (up to 1200 HP)
- Synchronous Rotor Rewind
- VFD Commissioning and Troubleshooting
- Vibration Analysis and Balancing
- Laser Alignment
- Thermal Imaging
- Compressed Air Audits
- Compressor Maintenance
- Generator Service, Repair and Load Banking (up to 2 MW)
- Blue Seal Pump Coating
- On-Site Service for Maintenance Shutdowns
- Welding Machine and Cutting Table Repairs



Facility Capabilities

- In-House Machine Shop
- 10 and 20 Ton Overhead Crane Capability
- 84" VPI Tank
- In-House Engineering
- Electric Motor Redesign
- 25,000 lb. Dynamic Balancer
- 10 Ton Rotor Winding Stand



Certifications

- ISO 9001:2008
- Interprovincial Certified Red Seal Certified Employees
- Member of:
 - Electrical Apparatus and Service Association (EASA)
 - Association of Ingersoll Rand Distributors
 - Canadian Machinery and Vibration Association (CMVA)

Key Vendors:



Electric Motor Services

A modern, expanded facility that includes 30 ton lifting capability, an 84 Vacuum Pressure Impregnation (VPI) system, a rotor winding stand, a DC load bank and a 350KVA test panel that provide state of the art capability for rewind and repair of all types of AC & DC motor, generator and armatures.





Welding Equipment Sales and Service

Source Atlantic is a single source supplier of welding equipment, accessories and safety supplies. Our services include warranty repairs for major welding suppliers as well as welding and plasma cutting equipment and torch and regulator repairs and maintenance.



Facility Capabilities

- Certified Technicians – Industrial, Mobile, Commercial and Residential Generator Services
- Start-up & Commissioning Services
- Load Banking Services
- Service & Maintenance Contracts (CSA 282 Services available)
- On-Site Generator Assessments



Industrial



Commercial



Residential

Industrial Power Solutions: Field Service Support

Reliable power systems are crucial to virtually every commercial/industrial operation, and you can trust Source Atlantic to find the best solution to keep yours running smoothly. We can help you identify minor problems before they become major repairs with preventative maintenance programs, and our partners offer 24-7 response in the event of unexpected power system outages. With our highly technical sales associates and field service partnerships, Source Atlantic can also offer single-source, turnkey solutions for expansions or upgrades to your current power system.



Transformers



Maintenance



Hotline Work

Dry Ice Cleaning

In-house or on-site, dry ice cleaning can be used to clean most electrical components including stator windings and armatures.

Mechanical Repair

Certified Industrial Mechanics provide in house and on-site repairs to pumps, gear boxes, blowers and compressors.

Vibration Analysis & Balancing

Source Atlantic can balance rotating equipment to ensure it is an acceptable vibration level as per the ISO 10816-3: 1998(E). Source Atlantic is a corporate member of the Canadian Machinery Vibration Association.

Thermal Image Scanning

Our Infrared thermography services can detect “hot spots” inside electrical panels due to bad connections, weak fuses, and/or overload situations. Thermal imaging can also diagnose bad bearings, loose belts, worn couplings and many other mechanical issues, allowing time for proactive repairs before costly equipment failures.

In-House Machine Shop Capabilities

Our in-house machine shop provides the highest level of service and support on motors of all makes, models, and sizes. Our shops continue to be the most modern, fully-equipped service facilities in Atlantic Canada.





Compressed Air Audits & Repair

Our factory-certified auditors will demonstrate how to lower the operating and capital costs of your compressed air system, while increasing productivity and reliability. We work closely with our customers to develop cost-effective solutions and meet return-on-investment goals to help industry thrive in today's global business climate.

Compressed Air Leak Detection

Our technicians do a full on-site assessment to pinpoint air leaks while your plant is in full operation. Once identified, leaks are tagged and a comprehensive report provides images of the leaks, estimated size of the leaks, power consumed by each leak, and most importantly, an overall estimate of how much the leaks are costing per year.



Preventative Maintenance

Our service program gives you a cost effective plan for scheduling and executing all required compressed air equipment services. It combines the best of schedule maintenance and predictive diagnostics to minimize costly disruptions and keep equipment running smoothly.



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New Brunswick

11 McIlveen Drive
Saint John, NB
E2J 4Y6
Tel: 506.634.2309
Fax: 506.644.2567

Nova Scotia

401 Willow Street
Truro, NS
B2N 6X6
Tel: 902.897.0787
Fax: 902.897.9896



 www.sourceatlantic.ca

*For more information please contact
your Source Atlantic account manager*



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