Black & McDonald is committed to being the industry leader in the development and delivery of maintenance services that help our clients achieve measurable cost control, reliability, and energy savings. We build strong relationships with our customers and endeavour to achieve positive business outcomes that realize true value and to help them achieve their business goals.

We believe that our leadership in service begins with how we add value. As a company, we continue to expand our service lines and develop innovative solutions that meet the demands of our customers. We invest in the education and training of our employees to ensure we continue to deliver the very best in management, administration and technical services. Occupational Health & Safety and Environmental Protection remain at the forefront of all our activities and the basis of our policies and work practices.

Black & McDonald’s continuous improvement culture drives our people to always listen with care to our clients’ needs and concerns. As strategic partners, we then pro-actively innovate with better solutions, adapting quickly to new challenges with advanced technologies that affect positive business outcomes for them.

Our long standing business growth and sustainability are based upon our providing superior people, service and expertise to clients who value on-time/on-budget, quality performance delivered in the safest manner possible.

Strong customer relationships begin with investing in our people.
Simple to Complex Solutions

Black & McDonald’s highly-qualified factory-trained technicians provide services on all types and brands of equipment encountered across all Industrial, Commercial and Institutional markets. They are certified for specialized critical environments such as oil & gas (onshore, offshore, oil sands), nuclear, biopharmaceutical research, healthcare, data centres, museums and art galleries. We also have LEED and Certified Energy Manager professionals on staff.

The benefits of planned maintenance are well known; beyond breakdown avoidance, planned maintenance is central to reliable service, performance and cost-efficient machine operation. Black & McDonald offers maintenance agreements tailored to meet the specific needs of different systems and owner priorities.

For industrial, commercial and institutional facilities, we provide technical services for:

- Heating, Ventilation & Air Conditioning
- Electrical, High Voltage & Sub-Stations
- Instrumentation
- Building Automation
- Plumbing, Hydronic Systems
- Linkageless Systems
- Refrigeration Systems
- Voice & Data Systems
- Conveyor Systems
- Process Piping
- Data Processing Environments
- System Modifications and Retrofits

Black & McDonald’s multi-trade resources are available for Emergency On-Call Support to our clients.
Our services include Refrigeration System Design; Planned Maintenance; Installation, Retrofit & Repair; 24-hour Emergency Service; Multi-trade Support; and, Facility Management & Operations.

Our refrigeration expertise covers current technologies for ammonia and Freon, screw and reciprocating compressors, single and multi-stage systems, and all manner of control systems. We use certified OEM quality replacement parts from all major equipment manufacturers including Mycom, Frick, York, Vilter, Blanchard-Ness, Imeco, and Evapco.

Customers with questions about Cascade Refrigeration Systems, Cooling Jackets, Tunnel Coolers, DC Rack Rooms or Molding, turn to Black & McDonald for industry best practices in refrigeration.

When it comes to the utility sector, Black & McDonald is truly a Single Source service provider. From Engineer/Procure/Construct (EPC) projects to extensive maintenance and emergency services, we have the in-house capabilities and resources to handle any size project or service.

Our highly experienced trades and technicians provide field services to a very diverse customer base including large industrial plants, utilities, retail, commercial, healthcare, transportation and education facilities.

Our Predictive and Preventive Maintenance Systems (PPMS) are the most thorough the industry has to offer, covering commissioning and maintenance of all equipment from 208volt to 500kV, infrared scanning, engineering, grounding systems, and retrofits. All tests and inspections are performed in accordance with IEEE, NETA, CSA, ISO and ANSI requirements.

If your organization depends on refrigeration technology, Black & McDonald should be your strategic partner. Increased regulatory requirements, especially in process driven markets have businesses seeking a single source service provider with multiple specialty services. Black & McDonald is that key resource for industrial refrigeration installations and service.

We have specialist expertise in all major trades, and a strong track record of success in recreational, industrial and foodservice industries across Canada. We can turn client refrigeration ideas into effective, affordable realities. Our years of experience with proper load calculations and equipment selections ensure the systems will work to client specifications.

PROVEN SUCCESSES WITH SPECIALIZED EXPERTISE

SINGLE SOURCE CONTINUITY, ACCOUNTABILITY, RESPONSIBILITY
Energy & Sustainability Services

Approximately 40% of energy produced is being consumed by buildings, and over 50% of buildings operate at less than 60% efficiency. Making buildings energy efficient and sustainable are top-of-mind issues for owners, property managers and progressive tenants. As mechanical, electrical and facility service professionals with vast experience, we are best positioned to help our clients navigate the path to sustainable solutions that achieve results.

Building owners recognize that it is good business to manage their carbon footprint and energy consumption in order to minimize operational costs and maximize productivity. For energy conservation services and sustainability specialists, owners and managers turn to Black & McDonald to assist them in identifying conservation measures and best practices in Operations & Maintenance that are practical and cost effective for their facilities and usage.

Sustainability is a culture in which firms and companies take into account the economic, social, and environmental impacts of their businesses operations. Whether focused on energy services or a broader approach to sustainability (e.g. corporate social responsibility, energy management plans, LEED certification, or BOMA BESs), we work closely with our clients to help them achieve and sustain a balance between environmental stewardship and their bottom line. Black & McDonald provides the needed documentation, financial and technical analyses, benchmarking and audits to ensure the proposed solutions and practices are effective and financially viable.

Our approach is as comprehensive as you require—a support role or leading the program on your behalf. We provide accountability for our programs because we are at your service for the long term and back up our work with proper measurement and verification—we measure the results and work with you to ensure the facilities are operating as they should.
Black & McDonald’s Facility Management & Operations (“FM”) offering provides a more comprehensive and integrated approach to managing your facilities. Our full suite of facility services encompasses everything from our core competencies with mechanical and electrical systems to janitorial, building/architectural maintenance, security, food services, project/construction management and much more.

Our flexible approach allows us to expose our clients to all the best practices we’ve developed over decades of managing facilities across Canada in every market and industry, including mission-critical and unique environments. We manage the FM component with maximum efficiency, safety and for employee/tenant comfort and productivity, allowing our clients to focus on their core business.

Our Computerized Maintenance Management System (CMMS), a fundamental tool for FM, provides detailed strategic asset and work management capabilities. It is the hub of information flow for every system, asset and service under our care and can also capture other client services for the seamless and efficient coordination of all measurable events, items or actions.

Black & McDonald’s operations and maintenance excellence achieves maximum efficiency, cost savings and continuous improvement. We understand what it takes to make your facility sustainable over its entire life. We are passionately committed to implementing innovative solutions throughout an asset’s lifecycle to help ensure healthy, safe, high-performing facilities.

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A COMPREHENSIVE & INTEGRATED APPROACH

LIFE CYCLE ASSET MANAGEMENT

Black & McDonald’s FM Service offering is more than planned maintenance, repair, and managed services – we help our clients manage their assets and risk by managing their facilities so their funds are spent on the right things and at the right time. Our strategic advantages are based on our ability to:

• Stabilize maintenance costs,
• Maintain comfort conditions,
• Extend equipment life, and
• Protect the capital investments of our customers.

To ensure effective asset investment decision-making for sustainable results in business performance, we take a holistic approach that addresses assets and the supporting resources, business processes, and enabling technologies that are critical to success.

This approach to lifecycle asset management enables vast amounts of asset data to be effectively managed and leveraged at a practical day-to-day business level for lifecycle plans that look ahead 1 to 30 years. The expected replacement and renewal activities ensure maximum useful life and performance of our clients’ facilities.

Black & McDonald is neutral when it comes to manufacturers and technologies and our continuous improvement culture drives us to stay current with all emerging advancements, resulting in the most efficient and cost effective long term course of action possible in every scenario.
Black & McDonald is a privately-owned Canadian company that provides an integrated, multi-trade prime contracting service to governments, institutions, industry, and commerce throughout Canada and the United States. Founded in 1921, William John McDonald established a foundation of principles and beliefs that are the very core of the company:

- Do the job right... regardless
- Talk to the customers regularly, confirm their satisfaction
- Make the price fair and reasonable
- A deal is a good one, only when it is good for both parties
- Live up to your promises
- Treat employees with respect
- Complete jobs promptly
- Invoice promptly, fairly, and in detail

As a result, Black & McDonald is known as a reliable and flexible contractor. With a team of over 4,500 strong, Black & McDonald lives and breathes the ultimate in safety, quality and high performance along with engineering excellence, best of class fabrication, and unprecedented customer service. Delivering the right solution in the right way at the right price is driven by an ongoing attitude of unwavering integrity and proud tradition.

Everyone at Black & McDonald knows that continued success depends on the ability to deliver innovation and exceed client expectations. It continually rests on the shoulders of each and every member of the team.

Anything less is not the Black & McDonald way.