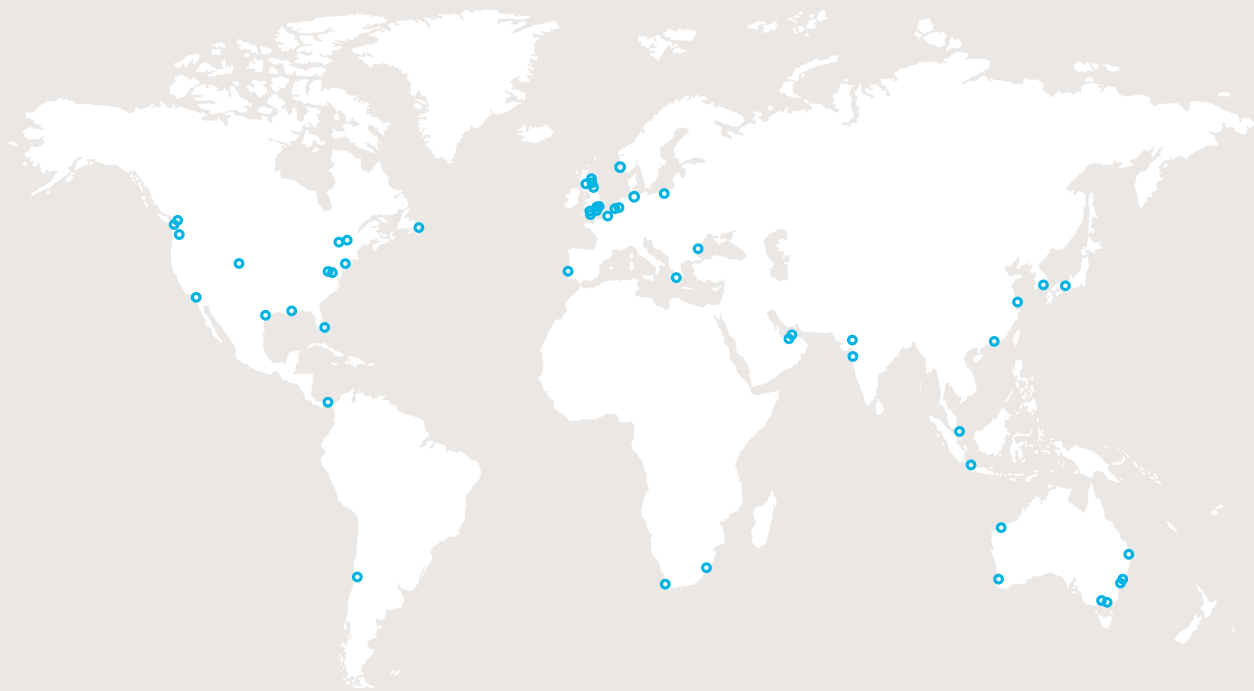


BMT Fleet Technology is an innovative leader in providing through-life engineering support from concept development through design, construction, operations, life extension/upgrade and disposal. The company employs its technological expertise and practical experience to provide services to clients in the Marine, Defence, Energy & Environment, Civil & Industrial Infrastructure, and Transport industry sectors. We are committed to retaining and applying practical knowledge of sector-specific factors in developing responsive solutions to customer's needs. The company's hallmark of engineering excellence involves the provision of leading edge structural and mechanical system damage assessment, materials and welding engineering, inspection and maintenance management, naval architecture and marine engineering, environmental and cold regions engineering services.



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Or contact us through any of our sister BMT companies with over 60 offices worldwide to serve you.

Certified to ISO 9001:2000, we are dedicated to ongoing quality and management systems.

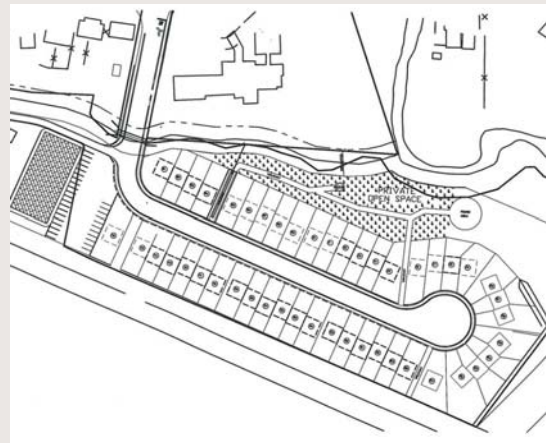


Civil and Industrial Engineering Services



Planning and Design

BMT Fleet Technology specializes in the design and development of a wide range of services in the civil, structural, and municipal engineering disciplines. Drawing on the expertise of our professionals across Canada and in Great Britain, BMT can help you plan and manage your projects efficiently and cost effectively.



Site Design and Development

From initial concept to project completion

- Site design including roads, land use optimization
- Water, storm and sanitary sewers
- Project estimating
- Project management and administration

Storm Water Management

- Watershed and flood plain modeling
- River and stream profiling
- Detention/retention ponds and chambers
- Culvert/bridge design

Structural

- Concrete and wooden structures

Quality Assurance and Inspection

- Third party representation on site during erection, fabrication and repair
- Code interpretation and compliance
- Specification preparation, review and contract compliance
- Assessment of NDE compliance
- Quality Assurance Program preparation and review

Other Services

- Investigative and expert witness services
- Site investigations

Supporting the operations of:

- Municipal and transportation infrastructure
- Power generation and transmission
- Mining and mineral processing
- Pulp and paper mills
- Petrochemical plants
- Chemical and process plants
- Transportation equipment
- Fabrication and manufacturing plants



Through Life Support

BMT Fleet Technology has capabilities that range from welding engineering, failure analysis, fitness-for-purpose assessment, mechanical testing and cold regions and environmental engineering providing customers with impartial and independent technical support for their civil engineering projects.



Welding Engineering

- Structural welding and pressure vessel codes
- Retained welding engineering services for companies certified to CSA W47.1 and 47.2
- Pressure vessels, pipelines and pressure piping
- Welding procedure specification development and review for weldable and difficult to weld materials
- Welding repair procedure development
- Material identification to support repair welding
- Welder and welding process training
- Hydrogen induced cracking and post weld inspection planning
- Process and plant productivity support

Engineering Assessment and Fitness-for-Purpose

- Engineering assessment of defects
- Evaluation of NDE results for fitness-for-purpose
- Structural performance and assessment with field instrumentation
- Structural design and analysis
- Asset maintenance/repair management support

Mechanical Testing

- Materials testing and custom testing
- Welding procedure qualification testing
- Rebar, concrete pull-out and rebar coupling testing
- Product compliance and proof testing

Failure Analysis

- Pressure vessels and pressure piping
- Heat exchangers
- Power and recovery boilers
- Engines, generators, gear boxes and bearings
- Bridges and structures
- Pipelines and water mains
- Highway and off-road equipment
- Tanks and storage vessels

Cold Regions/Environmental Engineering

- Studies of ice loads on structures
- Ice management on waterways
- Winter maintenance programs
- Hydraulic modelling
- Emission monitoring and management

