



# Company Profile



**K**amtech Services Inc. [KSI] is a Canadian-based Building Trades contractor with over **40 years of experience providing industrial construction and maintenance services throughout Canada and the Northern part of the United States.**

KSI serves all industrial sectors, including **Metals, Mining, Energy, Refining and Petrochemicals, Pulp and Paper, Natural Gas and others.** The company **specializes in heavy industrial projects, major shutdown work and continuous presence plant support.**

**The KSI Team is recognized throughout Canada for their expertise** in the management of the materials and methods required to successfully complete complicated projects and major plant outage work. KSI's approach to safety, quality, labor management and customer service is second to none.

KSI's projects are supported by an **experienced, multi-discipline team** of professionals in both the United States and Canada. KSI has access to over 300 construction and engineering professionals located strategically in regional offices and manufacturing facilities throughout North America.

KSI has a comprehensive Quality Assurance Program backed by **ISO 9000 Principles.** We are oriented toward **Total Quality Management** and are dedicated to processes that increase consistency and efficiency, and promote client satisfaction.

KSI is a wholly-owned subsidiary of The Lauren Corporation, based in Abilene, TX. Through our network of offices, KSI is capable of responding to almost any construction challenge in Canada or the United States. KSI maintains **corporate offices in Vancouver, Montreal, and Saskatoon,** as well as regional offices in Chicoutimi, QC; Trois Rivieres, QC; Edmonton, AB; and Longview, WA, USA.



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# Capabilities



## Petrochemicals

- Polymer Semi-Works Facility
- Polymer Solid Stating Facility
- Esterification Process Addition
- Fiber Optic Plant Expansion
- Iodides Production Facility
- Activated Carbon Plant Upgrade
- Drying Kilns
- Distributed Control Systems

## Power Generation

- Full Turn-Key EPC
- Gas Turbine/Generators
- Gas Turbine Combined Cycle Plants
- Steam Turbine/Generators
- Distributed Control Systems
- Ash Handling Systems
- Turbine Water Induction Prevention
- Power Piping Installation
- Auxiliary Power Utility Boilers
- Burner Management Systems
- Baghouse & Flue Gas Duct Systems
- Condenser Replacement
- Scrubber & Precipitator Systems
- Plant Water Supply Systems
- Substations

## Refining

- Natural Gas Gathering System
- Oily Water Treatment Plant
- Refinery Distributed Control Systems
- Asphalt Plant Piping
- Hydrotreater Units
- Naphtha Units
- Liquefied Petroleum Gas Terminal
- Crude Pumping Stations
- Rheinformer Absorption Units
- Amine Units
- Well Metering and Injection
- Sulfur Recovery Units
- Water Reclamation Facility
- Kerosene Units

## Pulp and Paper

- Complete Pulp Mills
- Steam Generating Plants
- Bleach Plants
- TMP Plants
- De-inking Facilities
- Paper Machines
- Pulping Group
- Steam and Cogen Plants

## Mining and Metallurgy

- Installation of Material Handling Equipment
- Cathode and Anode Bar Preparation Areas
- Gas Evacuation Systems, Service Equipment
- Installation of Conductor Bars
- Pots and Superstructures
- Pyrometallurgy Process Construction Services
- Hydrometallurgy Process Construction Services
- Electrorefining Process Construction Services
- Mineral Processing
- Potash Mills
- Uranium Mills

## Tanks and Reservoirs

- Design and Build of Above-Ground Storage Tanks (API650 Standard)
- Cryogenic Tanks/LNG Tanks
- Tank Modifications and Repairs (API653 Standard)
- Supply and Install of Floating Roofs (Carbon Steel and Aluminum)
- Supply and Install Aluminum Geodesic Domes

## Natural Gas

- Natural Gas Treating Trains
- Sulphur Recovery Trains
- Steam Turbine Generators
- Inlet Separation Units
- Condensate Stabilization and Fractionation System
- Lean Oil Absorption System
- Drizo Dehydration System
- Cryogenic Dewpoint Control System
- Effluent Plants
- Cogeneration Facilities



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# Construction Services



- Turnkey Projects
- Preventive Maintenance
- Inspections and Repairs
  - Tanks/ Pressure Vessels
  - Piping Systems
  - Mechanical Equipment
  - On Site Machining
  - Power/Recovery Boilers
- Equipment Salvage and Reinstallation
- Constructability and Planning Services
- Special Technical Service Work
- Surveying and Alignment
- Service Contracts
- Emergency Outage Support
- Project Estimating
- Subcontractor Management



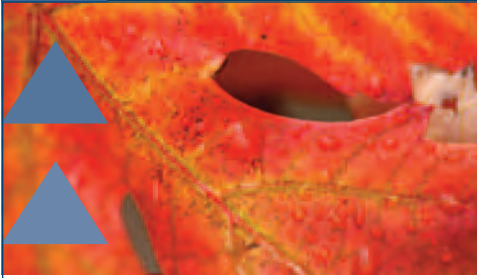
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# Sustainability



Green Focused™ at Kamtech Services is more than a tagline; It means a core commitment to the environment - from feasibility through execution. Most simply, it means we work alongside our customers to achieve increased bottom-line value through emphasizing sustainable construction approaches. Specifically, this is accomplished by employing LEED philosophies dedicated to energy savings, water efficiency, CO2 emissions reduction, improved indoor environmental quality, and sensitivity to resource use and impact. From our construction approaches to the materials we utilize on site, our focus is to minimize environmental disruption while maximizing employee safety, resulting in an overall reduction of capital and maintenance costs.

KSI's approach involves working with the project team from the earliest phases of the project, implementing sustainable solutions for the engineering, procurement and construction phases. KSI has the advantage of being able to work in a variety of client environments – from EPC projects to projects requiring stand-alone Construction Management Services. Regardless of the project scope and size, KSI has the experience and expertise to be able to coordinate a project approach with maximum environmental consciousness, leading to a more successful project for our customers and our communities.

During the construction process, KSI focuses on a number of environmental priorities which lead to greater sustainability. This includes construction waste management, recycling of materials, protection of local habitats, as well as control of emissions and effluents. To promote these practices, KSI has a rigorous training program which ensures that all site personnel are aligned towards a common goal of safety and sustainability.

KSI has a proven track record of implementing environmental programs across a wide variety of projects and markets. We work with our customers to ensure that the environmental strategy addresses the concerns of our customers, all government regulations, as well as specific communities and ecosystems.



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# Safety



The management of Kamtech Services is committed to the philosophy that our **company's greatest strength is the knowledge, expertise and dedication of our employees, and that their safety is paramount in everything we do.** We are very proud of our excellent safety record and work aggressively toward maintaining and continuously improving it.

Our philosophy toward safety is reflected in the manner in which we conduct our day to day business. Whether it is a shutdown or a long-term project, **we provide on-site, qualified safety supervisors trained on all aspects of the work requirements.**

From daily 'Tool Box' meetings to weekly Safety Meetings, we ensure that our employees are aware of the potential hazards in their work areas and provide them with appropriate safety equipment of the highest quality.

Our commitment to safety does not end there. **We require that not only our sub-contractors, but also fabricators and suppliers, demonstrate a willingness to adhere to our safety rules and regulations.**

The general safety policies, hazard/risk assessment procedures and safe work practices are contained in the Kamtech Services Safety Manual, which is updated to include applicable legislative and work requirement changes.

Kamtech Services is proud of our safety performance and have **received Certificates of Recognition from the Provinces of British Columbia, Alberta and Saskatchewan.**

We recognize that responsibilities for safety are shared:

- Kamtech Services, as the employer, accepts the responsibility for the leadership of the safety program, for its effectiveness and maintenance and for providing the safeguards required to ensure a safe working environment.
- Our Safety Manager is responsible for the establishment, implementation, monitoring, control and update of safety systems and procedures. Also, she ensures the continuous safety education and training of our employees.
- Our Supervisors are viewed as role models and are responsible for the development of positive attitudes toward safety in themselves, and in those they supervise. They are to ensure that all work activities are performed with the utmost regard for the health and safety of the personnel involved.

Our Employees are responsible for the genuine cooperation with all aspects of our safety program, rules and regulations and for continually practicing safety in all aspects of their work. Compliance is the expected norm.



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# Safety Policy Statement



The Company is committed to providing a safe and healthful work environment for our employees. We will not compromise the safety of our employees for any reason.

## **Our Company**

We are committed to building our Company to be the industry leader in workplace health and safety.

## **Our People**

We will provide our employees with training, tools and equipment to enable them to perform their assignments safely. We require commitment by all employees to The Company safety objectives.

## **Our Clients**

We will support our clients with the same commitment, energy and enthusiasm in their effort to protect their employees and property as we do our own.

## **Our Community**

We will be good corporate citizens when entering the community by demonstrating our support for the safety, health and welfare of all citizens.

***Our goal is to return each employee to his/her home safely each day. No task is so important as to risk injury or death.***



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# Quality Goals and Objectives



The Company is committed to Improving Quality for the benefit of our Customers, our Employees, and our Community.

The Company's Quality Policy contains four key objectives:

## **Our Customers**

We commit to Customer Satisfaction.

## **Our People**

We commit to serve Internal and External Customers  
We commit to consistent, accurate and complete work.

## **Our Company**

We commit to measure and maintain the effectiveness of the Quality System.

## **Our Suppliers**

We commit to use involved Suppliers who conform to company requirements.

These objectives are measured as part of The Company's process activities. The Quality Management Review Board leads and coordinates the Quality System program to ensure consistent conformance to customer requirements, company standards, and ISO 9001 compliance.



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# Quality - Code Stamps



## **POWER BOILERS (A) & (S)**

The field/shop construction and/or installation of power boilers in accordance with Section 1, of the ASME Code, its Addenda and Jurisdictional requirements.

## **POWER PIPING (PP)**

The field/shop construction and/or installation of power piping systems in accordance with B31.1, of the ASME Code, its Addenda and Jurisdictional requirements.

## **PRESSURE VESSELS (U)**

The field/shop construction and/or manufacture of pressure vessels in accordance with Section VIII - Division 1, of the ASME Code, its Addenda and Jurisdictional requirements.

## **REPAIRS (R)**

The field/shop repair and/or alteration of existing power boilers, power piping and pressure vessels in accordance with the National Board Inspection Code and Jurisdictional requirements.



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# Fabrication Facility



- 12,000 Sq. Feet
- 2 Overhead Cranes (2 tonnes each)
- 6 Lincoln 455m-STT (Surface Tension Transfer) Welding Machines
- 6 Spool Positioners
- Goodway 2060 Lathe
- Zoomboom and Forklift
- 2 Acres On Outskirts of City
- Easy Freeway Access
- Securely Fenced
- Truck and Trailer Drive Thru
- Located in Saskatoon, SK

  
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# Fabrication Capabilities



## Surface Tension Transfer

- Good Penetration and Low Heat Input Control
- Reduced Spatter and Fumes
- Good Bead Control and Faster Travel Speeds
- 3.5 Times Faster than GTAW, no purging required
- 1.25 Times Faster than SMAW. No flux = no slag: Cleaner Root.
- Reduced Costs

## Project Coordination

- Spool Tracking
- Drawing Control
- Fabrication Priority
- Shipping Reports
- Fabrication Progress Reports and Schedule
- Weld Inches Monitored Daily

## Drafting Services

- AutoCad with CadPro
- Cut Sheets Developed from Iso's
- Cut Sheets are Reviewed before Released to the Shop
- Acorn Piping Program



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# Fabrication License and Authorization



Licensed in accordance with the provisions of the Saskatchewan Boiler and Pressure Vessel Act, 1999

QC Program registered with the Boiler and Pressure Safety Unit

Authorized in Saskatchewan for:

- Field and/or shop construction and/or installation of Power Boilers and Power Piping Systems
- Field and/or shop construction and/or manufacture of Pressure Vessels
- Field and/or shop repair and/or alteration of existing Power Boilers, Power Piping and Pressure Vessels in accordance with ASME Section I, VIII Division I, B31.1, B31.3, CSA B51, NBIC and the Saskatchewan Boiler and Pressure Vessel Safety Act and Regulations

Kamtech Services Inc. holds ASME PP, U, S, A and NBIC R stamps, CWB certified to CSA W47.1 Division 2

Kamtech currently has 46 Weld Procedure Specifications registered in Saskatchewan, covering a wide range of carbon, stainless and exotic materials, including GMAW-STT procedures for high quality/high speed shop welding of stainless and carbon pipe without backing gas



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# Fabrication Quality Control



## Quality Control Process

- Review Customer Drawings/Specifications Prior to Fabrication
- Prepare Cut Sheets and Reviewed by QCI
- Drawings Issued for Construction (site requirements)
- Cutter Initials
- Fitter Initials and Records Heat #'s
- Welder Initials and Dates
- Spool Inspected and Initialed by QCI
- NDT Testing as per specifications or government regulations
- Data Entry

## Finished Spool Quality Check

- All Spools subjected to arms length Visual Inspection before leaving shop to verify:
  - Weld Quality
  - Dimensions/Orientation
  - Heat #'s & Weld Mapping
  - Spool Identification
- 3rd Party NDE on site
- Shop Tolerance +/- 2 mm, or as per client specifications
- Butt Weld Failure Rate < 2% overall
- 0% Failure Rate on GMAW-STT welds to date

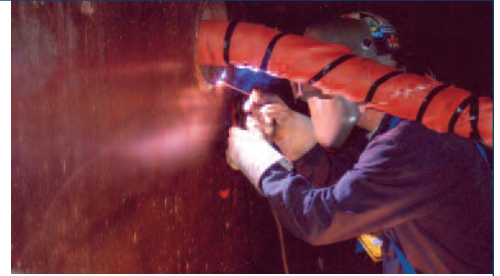


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# Turnarounds



At Kamtech Services, we are keenly aware of the importance of Maintenance that stays on schedule and budget. We maintain a **permanent staff of construction supervisors dedicated exclusively to turnarounds and maintenance**. These specialists are able to service a variety of maintenance needs, whether it's **vessel maintenance, change-out or repair of equipment or installing new or replacing old piping** - with a proven ability to handle the critical logistics of getting crews and material to the job site swiftly and safely.

Full services include **plant maintenance, facility management, operations support, asset performance improvement, operations readiness, start-up and commissioning, and small capital project design and construction**.

Along with our code-qualified welders, Kamtech Services professional staff has earned an excellent reputation for speed and quality in difficult and demanding jobs, including pressure vessel work. You can trust the professionals at Kamtech Services with your turnaround and maintenance schedules.

In addition to stand-alone maintenance and turnaround contracts, **KSI also provides Continuous Presence services** for clients who require a dedicated, experienced team of professionals to attend to ongoing maintenance and outage needs. KSI has performed in a Continuous Presence role for a number of clients, some of whom we have been partnered with for over 10 years.

KSI's effective management and execution of maintenance contracts and continuous support services **saves our clients money by reducing overall operating costs and increasing plant productivity**.



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