

Fabrication and Modularization

GRAHAM

YOUR CONSTRUCTION SOLUTIONS PARTNER

We are an employee-owned construction solutions partner with revenues exceeding \$4 billion annually.

With over nine decades of experience, and offices throughout North America, we deliver lasting value through projects that enable people and communities to live, work, move and grow in a rapidly changing world.

At Graham, **Fabrication and Modularization is a core service** offering with strategically located fabrication facilities in Western Canada that play a vital role in supporting our field operations and meeting our customers' needs.

With extensive expertise, we are a leading provider in crafting tailored solutions for various industrial projects, including in-situ facilities, oil sands, gas processing plants, refineries, and other industrial plants.

Our capabilities encompass customized piping fabrication, structural and steel fabrication, as well as a diverse array of module fabrication and assembly services.



We work with Carbon, Stainless, Chrome, Hastelloy, Monel, Inconel; FRP and HDPE; Module Erection, in house welders, pipefitters and QC for fabrication, NDE, and hydro-testing.

Aerial view of our fabrication shop in Bonnyville, AB

FEATURES	BONNYVILLE, AB	COLD LAKE, AB	SASKATOON, SK
Shop Size	30,000 ft ²	30,000 ft ²	11,000 ft ² (plus 6000 ft ² shipping and warehousing space)
Yard Size	42 Acres	18 Acres	6 Acres
Module Assembly Capacity	45	20	12
Overhead Crane Capacity	40 Ton	10 Ton	12 Ton
Pipe Fabrication	6,000 FDI/week	2,500 FDI/week	1,200 FDI/week
Module Capacity	41	20	50
Max Pipe Length (ft)	80	80	60
Max Pipe Diameter (in)	48	36	40
Optimum Pipe Diameter	24"	16"	½" - 16"
High Load Corridor Accessibility	Full	Some restrictions	Full
Shop Overhead Cranes	11 (max 40 ton)	7 (max 15 ton)	2 (5 ton)
Jib Cranes	6	6	1 (5 ton)



OUR CAPABILITIES

Well Pad Modules (SAGD, CS)

- Inlet/steam pressure letdown modules
- Production and injection well modules
- Pipe rack modules
- Test separator modules
- Field piping
- Structural steel supports

Large Bore Fabrication

- Greenfield compression projects
- Brownfield projects, compressor unit addition, plant modifications
- CS pipe spools up to 48"
- Roll grooving pipe ends
- SMAW, STT, FCAW welding processes
- 40-ton overhead crane capacity

CPF/Brownfield Modules

- Processing facility modules
- Meter skids
- Central processing facility modules
- Pipe rack modules
- Off mod fabrication of CS, SS duplex, piping

Pipeline Fabrication

- Mainline pipeline
- Gathering lines- steam lines, emulsion lines, gas lines
- Valve stations
- Expansion loops
- Structural steel supports

A few of our associated works include:
Project Management | QAQC | Cost and Schedule
Adherence | Material Supply and Handling Hydrotesting |
Painting | PWHT | Transportation to Site

COMBINED INDOOR FABRICATION SPACE

Bonnyville, Cold Lake
and Saskatoon

71,000ft²

A FEW OF OUR DIFFERENTIATORS

1. **Enhancing connections** with Indigenous communities, empowering Indigenous contractors and promoting workforce diversity.
2. **Dedication to hire locally and** source materials locally.
3. **Ability to offer storage solutions** providing a reliable means to protect your valuable assets and resources as an owner.
4. **Demonstrated proficiency** in maintaining the average project change management metric under 1.9%.

Visit us at: grahambuilds.com

GRAHAM

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