



# Pipe Spool Fabrication



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# 51,000

sq ft of shop space

# 29

welding crews/shift

# 3

fab shop locations

## Fabrication Facilities

Through the implementation of cutting-edge equipment and best practices technology, ServcoCanada's Fabrication Division provides value-added products of the highest quality, both on time and on budget.

With the added advantage of in-house engineering and inspection divisions, ServcoCanada has the ability to decrease turnaround times, reduce cost, and enhance efficiency.

We have three fabrication shops across Western Canada:

- ✓ 35,000 sq foot shop in Winnipeg, MB that can house up to 16 welding crews/shift
- ✓ 8,000 sq foot shop in Regina, SK that can house up to 5 welding crews/shift
- ✓ 8,000 sq foot shop in Kitimat, BC that can house up to 8 welding crews/shift



# Pressure Piping

ServcoCanada currently holds 130+ weld procedures, we have welded a variety of materials required in the industrial sector. We can accommodate a wide variety of materials ranging from carbon steel, stainless steel, low alloys, and high alloy materials, duplex, double-duplex, monel, inconel, titanium & chromoly.

Nationally, our Boiler & Pressure Vessel Fabrication certifications includes work under the following governed codes:

- ✓ ASME B31.1 Boiler External and Power Piping
- ✓ ASME Section VIII-1 Pressure Vessels
- ✓ ASME B31.3 Process Piping
- ✓ ASME B31.9 Building Services Piping
- ✓ CSA Z662 Pipelines oil & Gas Pipeline Systems
- ✓ ASME Section I Power Boilers and Direct Fired Heaters
- ✓ Services and products requiring CRNs
- ✓ ASME Section IV Heating Boilers



# Manufacturing Process

Our fabrication team works with our field services team to ensure that what we produce in our shop matches what the field requires. This collaboration minimizes or eliminates pipe spool rework during the installation phases on site. Our team evaluates the information provided by the field to ensure that the plans can be constructed and assembled according to the code of construction, and the client specifications, while fitting within the shipping envelope. If there are any issues, our team tries to identify them before the job has begun fabrication. Our proactive approach ensures quick project manufacturing turnaround times for the client.

As our estimation team receives a project tender to quote, we review and identify the required materials. We attain clarifications at the bid stage if there are questions or errors regarding the client drawings. This step ensures that the workflows progress smoothly and as quickly as possible upon award of the successful tender and into our next project.

Once awarded a job, we get the client project isometric drawings (ISO's) turned into shop fabrication drawings. We provide isometric drawings marked up with our shop drawing numbers for easy field reference. We submit our manufacturing shop drawings and the ISO's mapped for field review and markups. ServcoCanada reduces field rework by giving the field input into fabrication. The Pipe Manufacturing Shop works jointly with the Field Services division in determining the priority of pipe systems and piping spool deliveries.

Our team has software that allows us to update the fabrication drawings with Welder IDs, NDE performed, heat numbers of parts, and weld procedures. The software also allows us to make any drawing changes the client requires. Our software tracks material inventory and NDE percentages. All piping spools shipped are provided with identification tagging and with traceability information.

Our team orders materials from reputable suppliers in accordance with client specifications and approved manufacturer lists. We have a stringent QA/QC program which also includes shop checking of all orientations and dimensions prior to shipment. All pipe flanges are covered with plastic or wood flange covers, and our pipe ends are sealed to avoid debris or contaminants entering the pipe during shipping.



# Why ServcoCanada?

ServcoCanada has over 20 years experience as a privately owned, Tier Two, full-service industrial constructor. We offer multiple trade disciplines to large-scale industrial clients across Canada.

By providing a full-service model, we focus on lean and agile on-site execution to offer cost reductions by quick labor scalability, combined site resources and simplified business processes while meeting product quality, specifications, and regulatory compliance.

## Additional Fabrication Capabilities

- ✓ Pipe Spools
- ✓ Tanks & Bins
- ✓ Equipment Install
- ✓ Stationary & Robotic
- ✓ Lifting Structures: Jib Cranes, Crane Rails, Runways
- ✓ Skids & Modular Units
- ✓ Custom Conveyance Systems
- ✓ Structural & Misc. Steel
- ✓ Platforms, Supports, Bridge Retrofit
- ✓ Special Projects: Hydro Pontoons, Retrofitting Train Cars etc.

## Industries Served

- ✓ Pharmaceutical
- ✓ Mining
- ✓ Food Processing
- ✓ Power
- ✓ Pulp & Paper
- ✓ Petrochemical
- ✓ Oil & Gas
- ✓ Fertilizer Processing





 ServcoCanada