

**PROCO**



**The Expertise AND  
THE Ressources  
To Build Better**



## OUR PRODUCTS AND SERVICES

# Work with us

FOR ALL OUR SERVICES OR  
FOR YOUR SPECIFIC NEEDS

## INDUSTRIAL, COMMERCIAL, AND INSTITUTIONAL PROJECTS

### Metallic constructions

- Fabrication and installation of structures
- Supply and installation of cladding systems
- Fabrication of plate-work components
- Fabrication and installation of bridges – Division 1
- Industrial painting
- Structural steel fireproofing

### Services

- Estimate
- Engineering
- Architecture
- Drafting
- Planning

### Turnkey Formula

- Project management
- Site management

# Key Player in Advances in Engineering

The company has been building its reputation of excellence in designing, fabricating and installing metal cladding and structures for more than half a century. An unmatched know-how and a will to improve performance as well as health and safety have made Proco a key player in the most complex projects.

## A Colossal Production Capacity

What allows us to take part in complex and colossal projects is our production capacity. Our head office in Saint-Nazaire in the Lac-Saint-Jean region is also the site of a metal processing plant of more than 80 000 ft<sup>2</sup>. At our La Baie division in the Saguenay region, our facilities cover more than 100 000 ft<sup>2</sup> for a total production area of more than 180 000 ft<sup>2</sup>.



## THE ADVANTAGE OF WORKING WITH A SINGLE SUPPLIER

Estimate, management, design, drafting, fabrication, paint, delivery and installation, Proco offers a world-class quality know-how and can contribute to all stages of structural steel construction projects. This gives us an edge over the competition: projects are facilitated, costs are reduced and setbacks avoided.



# Committed

## **ESTIMATE**

With efficient estimate and management systems, you get the best products possible within your budgetary requirements. Our fast and precise estimate service ensures that the timetable is respected and that the costs are reduced.

## **DESIGN**

If you need help to bring to completion the most audacious project or if you need us to conceptualize and design your entire metallic construction, you can be assured that our team of designers and our technical services will find the best solutions to your projects' specifications.

## **FABRICATION**

Subdivided into specialized work cells in our plants, our impressive fabrication team is reliable and proficient. We are committed to providing high-quality metal products as well as a complete range of metal processing services.



NO MATTER IN WHAT PHASE YOUR PROJECT IS, PROCO CAN HELP YOU SEE IT THROUGH.

**COMPLETE  
RANGE OF  
SERVICES**

## **DELIVERY**

No matter the size or the complexity of the structures or fabricated metallic components, our delivery management team will get it on site on time.

## **CONSTRUCTION**

Our construction site teams gather all trades needed for a flawless execution. The supervision of any of our sites is entrusted to specialized and, more important, experienced superintendents and foremen.

# TOP-LEVEL Steel Erectors

The experience of our large team of steel erectors combined with our cutting-edge equipment allow us to tackle the most ambitious projects. Having faced important engineering challenges and having overcome numerous technical obstacles, we have developed over the years unique construction methods that optimize the work done on construction sites.

## PROJECT MANAGEMENT      A LEAN VISION

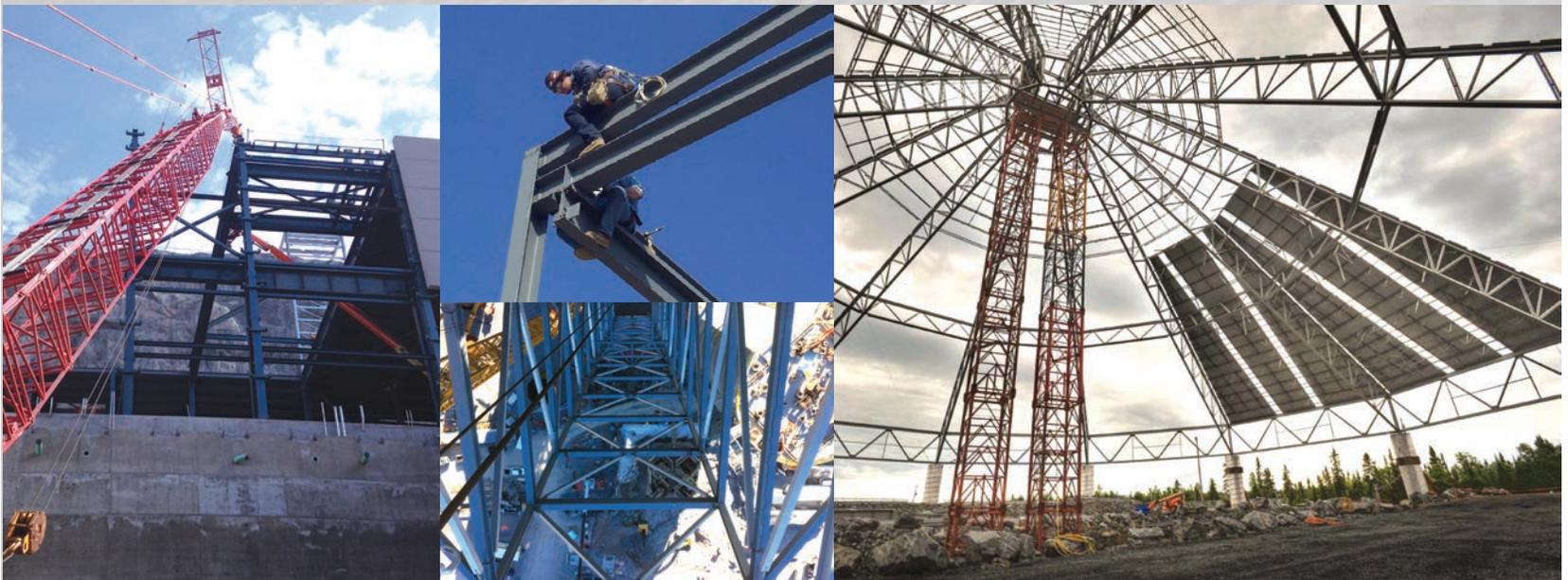
Our reliable and experienced team of project managers is able to lead many construction projects with various levels of complexity. They plan, coordinate and adapt our methods in order to meet deadlines and objectives.

Because of this unique ability to adapt to different work methods, more and more general contractors entrust us with the entire realization of their steel framing and cladding work. Moreover, the emphasis we put in health and safety has set us apart among the industry.

At Proco's, continuous improvement of the company's performance through the development of each employee is key. We are truly committed to the satisfaction of our clients. Our organizational efficiency relies in part on these LEAN Management principles :

- Understanding our client's needs
- Reduce delays
- Solve problems as they occur
- Involve every member of the organization in the improvement of their work environment

These organizational methods allow you to benefit from high-quality services at competitive rates.



## HEALTH AND SAFETY, A PRIORITY

We are committed to the protection of our employees' health and safety in our plants as well as on our construction sites. When it comes to health and safety, we are intransigent. No compromise is tolerated. Our health and safety department is involved in all decision-making processes and work hard to develop and implement better practices for each situation.

## WITH OUR INGENUITY, WE IMPROVE SECURITY

Reducing work at heights, designing components with integrated fall arrest systems: all the measures are taken in order to reduce the risks and make our plants and sites safer.

## Our Quality Commitment

We constantly improve our quality standards. Our certifications in quality management are our way to ensure our clients the highest quality of products and installations in compliance with the industry strictest requirements.

EACH YEAR, WE PERFORM BETTER THAN THE NATIONAL AVERAGE IN REGARD TO HEALTH AND SAFETY AT WORK.

## Our Certifications

- ISO 9001 : 2008
- Steel Structures - The Canadian Institute of Steel Construction (CISC)
- AISC (American Institute of Steel Construction) :
  - Standard for Steel Building Structures
  - Certified Bridge Fabrication – Intermediate (Major)
  - Fracture Critical Endorsement
  - Sophisticated Paint – Enclosed
- CSA W47.1 Division 1
- CSA W47.2 Division 2



# Overall Understanding of Civil and Mechanical Engineering

Integrating the best way possible metal components to a construction project is an art that can only be mastered with experience on building sites. To build with processed metals requires a specific expertise and an overall understanding of civil and mechanical engineering techniques.

Our team of engineers, architects and technicians specialized in metal project design is one of the few able to master the art of metallic construction in a global perspective.

Working with the latest technologies, our designers continually expand the limits of the possible in order to build from A to Z all types of innovating projects. This way, we contribute to the aesthetic renewal in the field of construction.

We frequently put in place training programs in order to maintain our technological advantage and stimulate creativity within our company.



**PARTNERS  
IN MANY  
COMPLEX  
STRUCTURES**

Renowned worldwide for our capacity to integrate efficient solutions to complex metal constructions, many engineering and architecture companies request our services for their large-scale projects.

Our specialized design team offers the necessary technical support in the production of plans and specifications.

# The Reference in CLADDING SYSTEMS

Proco has been and still is a leader as a supplier, installer and manufacturer of cladding systems. As a matter of fact, designing and making interior and exterior cladding systems is our speciality.

## THE LARGEST SELECTION OF PROFILES AND COLOURS

Proco gives you access to a unique network of providers offering you the greatest choice of cladding systems so you can make your vision a reality. With our global network of suppliers, we can get you the resilient and æsthetic products your project needs.



**Save time and money**  
BY ENTRUSTING US WITH BOTH  
**structure and cladding.**

# Manufacturing OF METAL COMPONENTS

## FROM STEEL STRUCTURES TO CLADDING SYSTEMS

We manufacture to measure the vast majority of the materials needed for a metallic construction project. When it comes to final processing of steel or other alloys such as aluminium or stainless steel, we can contribute to the entire project or part of it.

## PROCESSING SERVICES

- Selection and supply of resilient and resistant metals
- Automated cutting with numerically controlled machines
- Machining
- Welding and assembly of metal structures
- Assembly and welding of bridge girders
- Friction Stir Welding (FSW)
- Automated surface preparation
- Application of simple or complex painting systems
- Fireproofing of assembled products
- Manufacturing of flashing, furring, and metal conduits

**CAPACITY TO  
TRANSFORM  
YEARLY  
MORE THAN  
30 000 TONS  
OF STEEL**

On top of our capacity to transform yearly more than 30 000 tons of steel, we can also count on a network of manufacturers which allows us to quickly adapt to the demand and produce several thousand additional tons.



AMERICAN  
AND CANADIAN  
CERTIFICATIONS  
FOR THE MOST  
**complex  
painting  
systems**



## Unrivalled Expertise in ALUMINIUM Assembly

Proco's experience, expertise and resources in aluminium assembly meet the requirements of the most demanding clients. When it comes to conventional welding or Friction Stir Welding, mostly used in the bridge and transport sectors, we stand at the forefront of the industry.

## FIRE PROTECTION SYSTEMS

### TYPE OF PROTECTION USED

- Fire-stop metal cladding
- Fire-stop prefabricated panels
- Smoke-shielding wall
- Protection by fireproofing

# Fire-stop Walls

Your building's resistance to fire will determine its structural stability if a fire occurs. Proco has become a leader in installing fire-stop interior divisions and exterior walls. Using the best techniques and materials on the market, the walls we build control and resist to the propagation of fire with the resistance level required by the National Building Code of Canada.

# Fireproofing

The application of a flame-resistant product helps protect metallic frames. Since fires can lead to critical situations, the owners, the architects and designers regularly demand a coating system that offers protection against fire as well as proper aesthetics.

The protection of steel by fireproofing is, among other protection systems, also used in airport structures, office towers, hotels, conference centres, plants, hydroelectric power plant, etc.

We are qualified and certified for the application of the most complex coating systems in the industry. We have mastered the techniques and our cutting-edge equipment is operated by a competent personnel.



# WELDED PLATE-WORK

**Proco designs and manufactures various production equipment for clients worldwide.**

**BUCKETS  
HOPPERS  
SILOS  
TANKS  
DUCTS  
ETC.**



## **Custom-made Components that Meet Standards**

Buckets, hoppers, silos, tanks or ducts, our visionary team of engineers is at its best designing machine-welded components. The performance of software such as AMETank for the API 650 and SAFI for structural elements is assisted by our finite-element calculation capacity when necessary.

OUR STRENGTH LIES IN DESIGNING ACCORDING TO NEEDS WHILE COMPLYING WITH GLOBALLY ACCEPTED STANDARDS SUCH AS API 620, API 650 AND AWWA.

## **Creativity and Productivity, Essential Qualities**

Our team works in a stimulating environment in which creativity is a major asset. With most advanced equipment and software in the industry, our teams meet and often beat deadlines. 3D modelling and integration with BIM processes allow the generation, communication and analysis of digital representations making the project's completion easier. With this Building Information Modelling, our clients can integrate their equipment and thus ensure an efficient interdisciplinary coordination.



# Small or Gigantic-scale Vision

No matter the size or nature of your project, all of our clients are listened to with the same respect. For us, no project is too small or too big. There are only new challenges to be met.

**PRESENT  
ON MAJOR  
CONSTRUCTION  
SITES**

AS PRIME CONTRACTORS AND EXPERTS IN REGARD TO METALLIC CONSTRUCTION PROJECTS, WE HAVE TAKEN PART IN THE REALIZATION OF MANY METALLIC BUILDINGS ON SOME OF THE MOST IMPORTANT CONSTRUCTION SITES IN AMERICA.

## **COMMERCIAL BUILDINGS**

The efficiency of our methods and the tools that we have developed allow the fast construction of different types of commercial buildings :

- Automobile dealership
- Grocery store
- Office building
- Mechanical workshop
- Superstore
- Shopping centre
- Bank
- Arena
- Stadium

## **INDUSTRIAL BUILDINGS**

Each year, we realize numerous industrial building projects, many of which are cited as references in construction publications :

- Processing plant
- Aluminium plant
- Paper plant
- Sawmill
- Mine
- Hydroelectric power plant
- Petrochemical plant



# BUILDING from A to Z

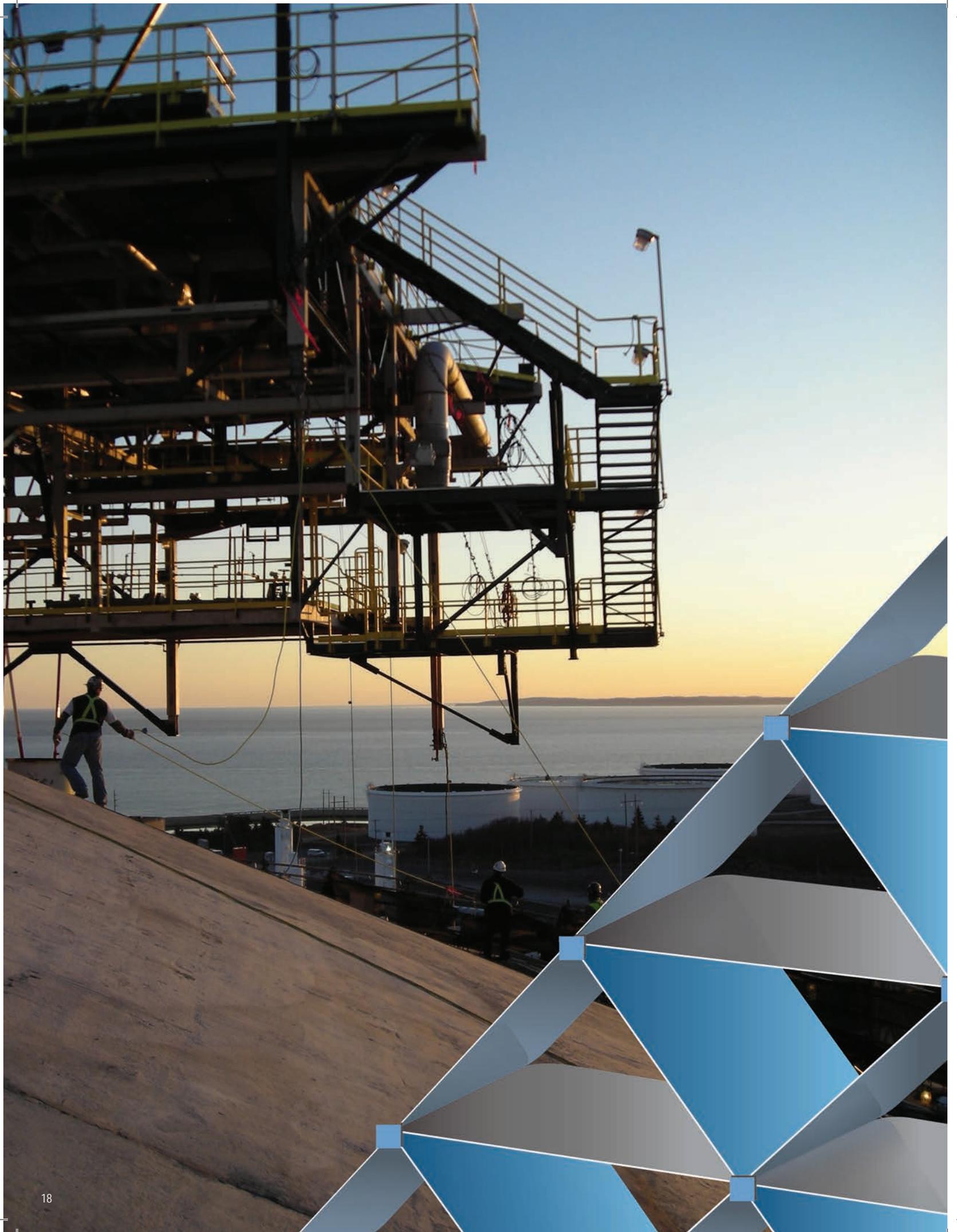
## THE TURNKEY OPTION

FROM NEEDS ANALYSIS  
TO CONSTRUCTION  
MANAGEMENT

Our presence on thousand of sites has allowed us to develop comprehensive services in order to act as prime contractors in commercial, industrial and institutional building projects.

Whether we act as experts for a specific phase of a metal construction or as prime contractor of the entire project, our turnkey option improves the efficiency of each stage of the process.





# Involved in the Most COMPLEX PROJECTS

Because many complex and colossal projects require the integration of special metallic components, Proco's expertise is frequently required in different special projects. No matter how high the level of technicality is, our clients get quality constructions :

- Bridge
- Viaduct
- Power plant
- Hydroelectric dam
- Port and aerial facilities
- Stadium

## TECHNICAL CHALLENGES

We thrive on technical challenges. Our reputation precedes us and the demand for our expertise is growing. We regularly contribute to the conception and installation of unique projects with the highest technical standards :

- Complex framework
- Building in motion
- Modular construction
- Bridge structure
- Walkway
- Conveyor
- Mechanically-welded components
- Other special projects

Before your project gets underway, our metal components integration specialists study and analyze every alternatives and possibilities.



# EXPLORING NEW MARKETS

WE HAVE BUILT A SOLID REPUTATION  
ON THE INTERNATIONAL SCENE.

NORTH AMERICA  
Canada  
UNITED STATES

Cuba

Burkina Faso

AFRICA

Suriname

SOUTH AMERICA

Chili

**TECHNOLOGICAL  
WATCH AND  
CUTTING-EDGE  
EQUIPMENT**



By constantly updating to the latest technologies and equipment, Proco has consolidated its place at the forefront of the industry.

# Adapting to Build worldwide

Due to our successes in several countries and our capacity to adapt to different environments, a growing number of international contractors are relying on us for their complex project.

As a leader in the metallic building sector, we wish to continue sharing our know-how with clients from across the world.

IN PARTNERSHIP  
WITH VARIOUS  
CONTRACTORS,  
WE HAVE MADE A  
DIFFERENCE  
IN MANY MAJOR  
CONSTRUCTION  
PROJECTS ACROSS  
THE WORLD.



# Opt for PROCO for the expertise and the resources

Working with us means working with one of the top specialist in the industry. We offer you the best solutions to integrate one or many metallic components: steel structure, mechanically-welded components, cladding, prospecting equipment or other complex projects.

YOU CAN COUNT ON THE STRENGTH AND RELIABILITY OF OUR SPECIALIZED WORLD-CLASS HUMAN AND MATERIAL RESOURCES.

As many developers, general contractors and consulting firms, work with us for the range of our specialties and services or for specific phases. We are specialists. We have the resources.



LAC-SAINT-JEAN (head office)



SAGUENAY



**The Expertise AND  
THE Ressources  
To Build Better**



**PROCO**



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