



CEDAR STEEL<sup>®</sup>

## Capability Statement

Structural Steel Design, Fabrication & Installation

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**Masters in Structural Steel  
Fabrication, Supply and Installation  
for Residential, Commercial and  
Industrial Construction.**





# Company Profile

**Led by 30+ years industry experience**

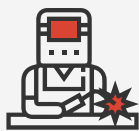
Cedar Steel is a NSW based steel fabrication specialist, providing high-quality steel works for residential and commercial properties throughout Greater Sydney and NSW.

Family owned and operated, Cedar Steel is led by 30+ years of industry experience. We don't mean it lightly when we say we know the structural steel industry inside and out.

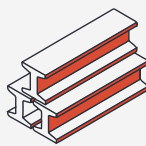


Cedar Steel is proud to be the preferred choice for NSW's Carpenters and Builders for procuring quality steel products. We maintain long-term partnerships with our clients, ensuring that each project is delivered to the utmost standards.

## Expertise



Universal Beam Fabrication



Steel Supply



Cut-to-size



Steel Treatment



Engineered Designs



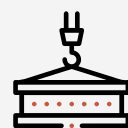
Welding



Nut & Bolt Supply

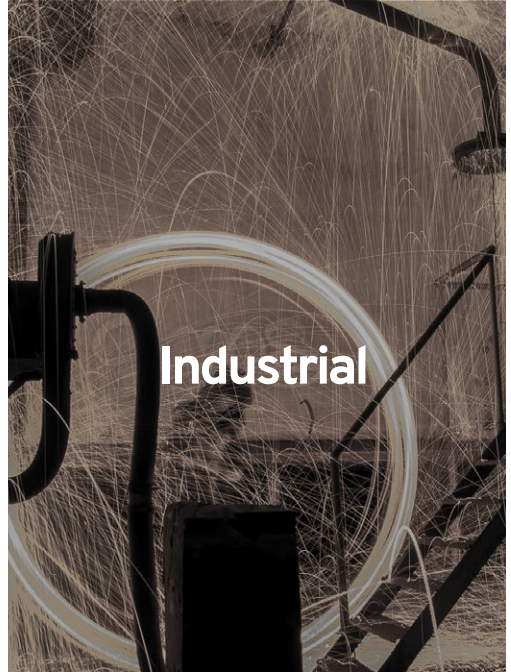


Delivery



Installation

# Industries



## Built on trust

We guarantee excellent results across various structural steel fabrication services, from steel drafting, surface treatment, right through to delivery. We'll even throw in the nuts and bolts during the delivery stage. Every job has its unique quirks, and our specialists pride themselves on offering flexible, personalised solutions for all steel projects.

Whether you're drawing up plans for a home extension or thinking of constructing a major development, Cedar Steel has the expertise and skill to complete any structural steel fabrication project.

## Capabilities:

- ✓ 48-hour turnaround (Residential)
- ✓ Expert shop drawings
- ✓ Structural Beams
- ✓ Structural Steel Posts
- ✓ Fabrication
- ✓ Delivery & Installation



# Advantages of Structural Steel Fabrication

From its long life, structurally sound durability and environmental benefits, steel fabrication and framing for residential properties proves to be the superior choice compared to timber.

**Steel beams compared to other building and structural materials, offer a number of significant advantages including:**



### **Cost-effective**

While timber is cheaper to obtain, a steel beam is more durable and is versatile as it can be used for residential, commercial and industrial applications. As a result, obtaining the building material can be more cost-effective during the building stage of your property.



**Fire resistant:** Steel is a non-combustible material and will not bend/warp to fire. A structural steel beam can mean the difference between minor fixes to your home or rebuilding it entirely.



**Sustainable:** Steel is 100% recyclable. A prefabricated structural steel beam can contain up to 25% of recycled steel and is the easiest material to reuse.



### **Stronger, straighter, safer**

Steel is resistant to wear and tear from Sydney's unpredictable environmental elements. Steel beams provide a straighter finish, providing your home pristine roof lines, ceilings and walls. Timber on the other hand can warp and disintegrate over time.



**Reduced weight:** Compared to building materials like concrete, steel is intrinsically lighter due to its higher strength and stiffness. With lightness comes a reduced load on foundations and better performance for ground conditions.



Led by **30+ years**  
of industry experience





## Our Services

Cedar Steel offers complete, comprehensive and cost-effective structural steel beams, design and fabrication solutions to provide quality service to residential, commercial and industrial sectors throughout Sydney, and regional NSW.

- Planning, Drafting & Design
- Structural Steel Supply
- Structural Steel Fabrication
- Surface Treatment
- Delivery
- Installation







## Planning, Drafting & Design

We provide a full range of steel detailing and drafting services in both structural steel fabrication and miscellaneous steel products. Using only the advanced 3D technology and rendering, it enables our engineer specialists to give our clients results that exceed their expectations, and guarantee long-lasting products.



### We provide drafting services in the following areas:

- ✓ Detailed drawings for all parts
- ✓ Detailed erection plans
- ✓ Clear shop drawings
- ✓ 3D sketches templates for rfi's
- ✓ Isometric details of complex connections

## Surface Treatment

Our structural steel fabrication, framework and metalwork is always supplied finished in a zinc phosphate primer as per industry standard.

However, we can supply and deliver your items in finishes that meet your exact requirements including:

#### Zinc Phosphate Primers

Providing inhibitive or active corrosion protection to prevent corrosion and wear.

#### Powder coating using an electrostatic or compressed air method

The powder coating is cured to form a smooth film, then dried to create a durable finish resistant to peeling, cracking, scratches, UV rays and rust.

#### Hot Dip Galvanised Finish

Used to protect steel from corrosion in some of the harshest environments.

#### Hot Zinc Spray (with Metallisation Wire 02E Zinc)

Completed through grit blasting to SA2.5 to provide the best possible key for the zinc layer, surface pre-treatment is achieved. Zinc is applied to spec, normally 50-100 microns.





## Structural Steel Supply & Fabrication

Whether it's structural steel beams and columns for a home renovation, industry steel for commercial portals and structures or hardy steel for any building application including lintels, T-bars and posts for pergolas and carports - Cedar Steel is the expert in industry steel solutions for construction and engineering.



### We can provide the following

- ✓ Universal Beams
- ✓ Universal Columns, Parallel Flange Channels, Square and Rectangular Hollow Sections
- ✓ Circular Hollow Sections
- ✓ Equal and Unequal Angles
- ✓ Flat Bars
- ✓ Cleats

**Believe us when we say that Cedar Steel understands its clients needs.**

We know our way around structural steel. We design shop drawings to your specifications, we cut to size and we fabricate to your needs- and we bring your steel deliveries right to your doorstep.

### Steel Fabrication Process



Shop Drawings



Client Approval



Procurement



Structural Steel fabrication



Surface spray treatment



Deliver



Installation



## Mezzanine Floors

Mezzanines are installed to maximise unused vertical space, providing additional room above your space and can be built free of existing structures.

Making use of existing space with Mezzanine floors delivers a much quicker return on investment than relocating or expanding your existing premises.

We project manage the whole process for you to ensure that the installation is completed on time, within budget, and with minimum disruption.



- ✓ Cost Effective Solution
- ✓ Custom designed
- ✓ Quick & Efficient
- ✓ Locally Fabricated
- ✓ Easily Removed
- ✓ Free Quote

### The Most Common Uses of Mezzanine

#### Manufacturing

With mezzanine flooring, manufacturing facilities can accommodate more machinery and employees working in a particular section.

#### Warehousing

An ideal storage solution. It allows for a wide range of storage options, including shelves, block-stacking, and lengthy spans.

#### Distribution

A smart choice for space maximisation in distribution centres.

#### Office & Retail

A cost-effective way to increase your usable shop or office space per square meter.



Services

## Delivery & Installation

**On-time project delivery backed by a dedicated support team.**

As a leading steel supplier in New South Wales we are highly experienced in the **delivery and installation** of all types of steel products.

All components are delivered within your designated time frame with the erection sequence, eliminating the need for on-site storage.





**Along with significant expertise, we have the equipment and services to ensure your job is **Delivered and Installed on site and on time.****





## Residential

We work proudly with Sydney's leading architects and builders to tailor, manufacture and supply customised solutions exclusively for your unique building requirements.

- ✔ On-site job measuring
- ✔ In-house drafting
- ✔ Supply & fabrication of structural steelwork
- ✔ Structural steel fabrication for domestic dwellings and multi-level apartments
- ✔ In-house Panel and Steel Drafting
- ✔ Comprehensive assessment and delivery services

## Commercial

We take care of the profile cutting, grouting and any other fine adjustments required to ensure the perfect execution within your commercial space.

- ✔ Petrochemical cross over platforms
- ✔ Plant and equipment platforms
- ✔ Warehouse renovations
- ✔ Mezzanine floors
- ✔ Safety rails and ladders
- ✔ Staircases
- ✔ Commercial Fabrication
- ✔ Steel Fabrication Sydney



## Industrial

Our main area of expertise is the design, manufacture and delivery of pre-fabricated Industrial Steel in Sydney for Industrial, Mining, Waste and Rural Industries


- ✔ Measuring, cutting and welding the structural steel
- ✔ Placing the holes and cleats in the correct position
- ✔ Packaging and carefully loading in the right sequence
- ✔ Dispatching to site if required





**Proudly Australian made,  
operated and manufactured.**




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