



Commitment to Continuity, in Times of Crisis!

Client:	IUP Jindal Metals & Alloys Limited	Location:	Jhajjar, Haryana
Project Size:	8,500 sq.m	Segment:	Manufacturing
Roofing:	Colorbond® in Toba Blue and Surf Mist	Solution:	ECOBUILD®

For any enterprise, the journey towards becoming its best self, starts with a focus on operational excellence. During the COVID-19 pandemic, an excellence-oriented culture has been even more important to withstand change and propel growth.

The Project

Here is an example where collaboration with customer in times of uncertainty and excellence right from planning to project delivery, secured both trust and partnership. Welcome to IUP Jindal, Jhajjar; a sprawling manufacturing hub of high-quality stainless steel and nickel alloys - where precision meets perfection.

Customer Expectation

To meet their production goals and cater to the growing demands for stainless steel, IUP Jindal planned a greenfield expansion of their existing state-of-art, fully functional manufacturing unit in the northern state of Haryana. Time being critical, due to uncertainties around pandemic, meeting completion targets was a real challenge apart from other operational issues. They wanted a partner who could deliver the project on-time without compromising on quality!

Scope of Work




Design & Engineering, manufacturing, supply and erection of a building spread across 8,500 sq.m area.



Solution Offered

Tata BlueScope Steel (TBS), a leading supplier of steel building products and solutions was their unabated choice. ECOBUILD® Building System, a signature offering from TBS, was recommended. It combines design optimization with structural customization enabling an economic solution. Designed using high-end engineering software, ECOBUILD® Building solution is supplied with best-in-class building products, accessories as per customer requirements.

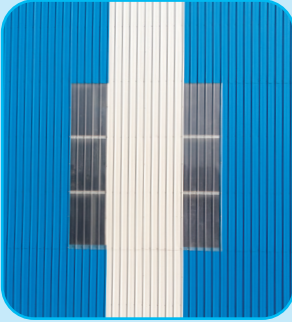
Attitude made all the difference for Tata BlueScope Steel's Buildings Solutions team while addressing each challenge!

Challenge	Solution
 <p>Space constraints at platform for movement of multiple cranes, boom lifts, louvers, rotary vents, roof monitor, walkway and gratings etc.</p>	<p>Methodology devised on mobilisation and demobilisation of cranes at & between platforms. Grid wise material supply as per erection sequence</p>
 <p>Supply blockage due to lockdowns, border restrictions etc.</p>	<p>Close coordination between the customer, production and the construction teams, enabled robust supply-chain planning and</p>
 <p>Last minute change in placing hydro testing equipment in area 3, thus affecting timelines.</p>	<p>Team swiftly re-planned the entire schedule keeping in mind suggested changes and bounced back with an erection sequence to meet the completion plan.</p>



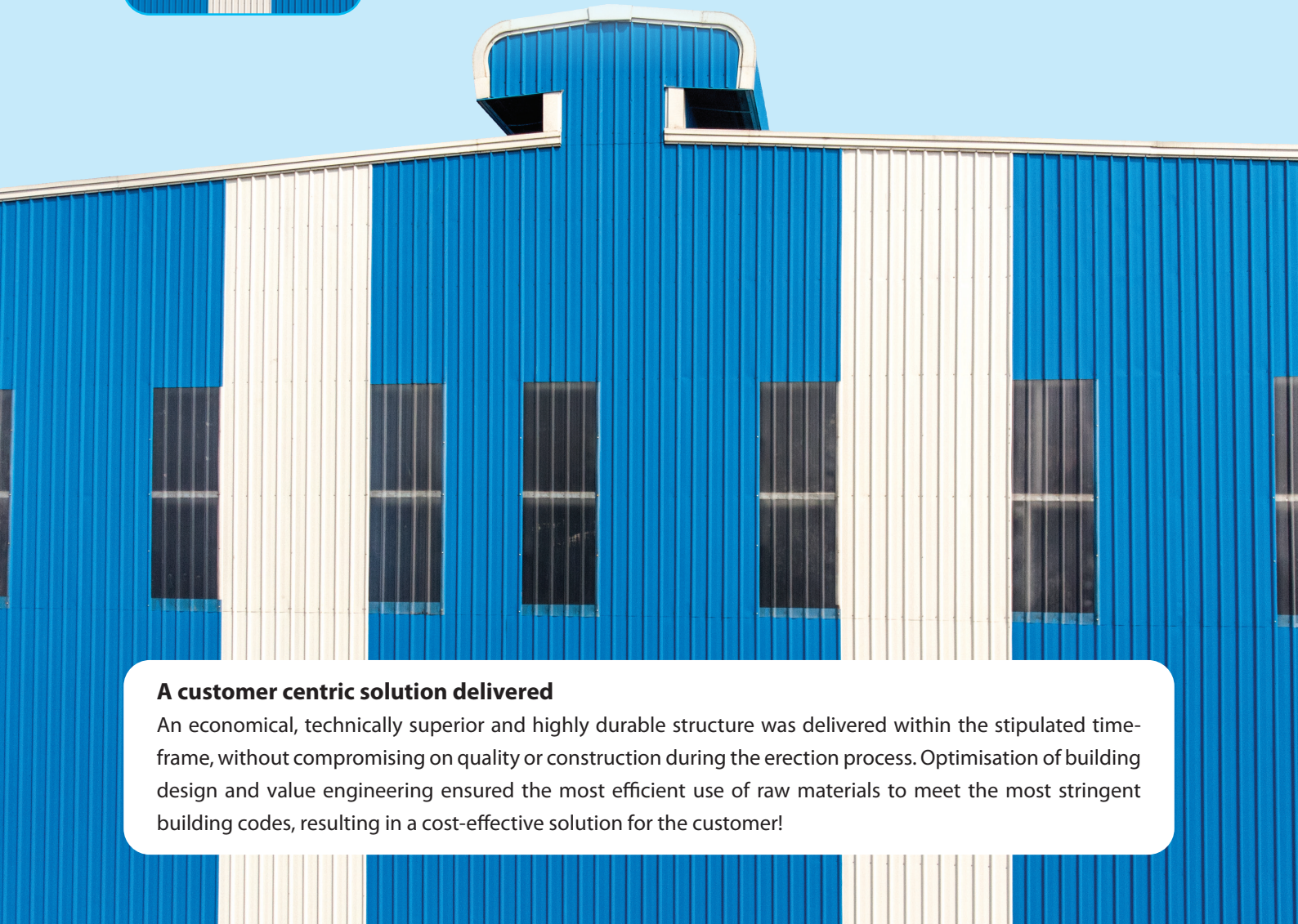
Safety, our first priority

The erection was successfully implemented by our certified builder, under expert supervision of our construction & safety team. All personnel working at site were inducted with safety motivation program that included recently added norms considering the pandemic situation - especially hygiene, cleanliness, maintaining safe distance etc. The roof sheeting work was completed safely using SKY-WEB™ II, a passive fall protection system.



Layered pattern combination

The project also demanded a layered pattern, combining two colors intercepted by wall-louvers in between the sheets. Serene color palette from Colorbond steel including Surf Mist and Toba Blue transformed seamlessly blending the louvers effortlessly. This arrangement was critical as compared to simple one-color cladding that can be achieved easily.



A customer centric solution delivered

An economical, technically superior and highly durable structure was delivered within the stipulated time-frame, without compromising on quality or construction during the erection process. Optimisation of building design and value engineering ensured the most efficient use of raw materials to meet the most stringent building codes, resulting in a cost-effective solution for the customer!