



INTERARCH QUARTERLY NEWSLETTER

VOLUME 12, ISSUE 2

SAFETY: A WAY OF LIFE AT INTERARCH

For Interarch, safety is not merely a practice followed at the site. It is a culture that sets us apart from others. A strong safety culture is nurtured by the top management and employees at every level and is a core aspect of conducting our business.

Safety through Prevention: Our teams are trained to take proactive measures, to identify and address potential hazards. This proactive approach allows them to stay vigilant and take necessary actions proactively.

Our Commitment to Safety: Interarch believes that good safety is an integral part of its business. We treat health and safety issues in the same way as other primary business objectives. The implementation of the best safety policies to help our employees achieve good health and an injury-free environment is an essential part of good management.

The story of our success and achievements is firmly rooted in our commitment to safety. Our safety protocols, training, and procedures are among the best in the country, constantly evolving to keep pace with changing times, and have earned widespread appreciation from our customers.



MESSAGE FROM OUR MANAGEMENT



Manish Garg
Chief Executive Officer

"Dear Readers, Hope you are all safe and well! We believe that our customers are the only reason for our existence. The sole purpose of our business is to delight each client through our projects. Interarch makes sure that the customer is always our priority.

Safety at Interarch is above all part of our business objective. We believe that it is important to deliver a project on time, safely.

We deploy world-class safety systems and procedures at all sites to achieve our aim of "ZERO HARM". SLI's in all lifting equipment, boom lifts to reach heights, barricading during filling subassemblies, and fall arrestors are only a few of the safety procedures we deploy. Further, we make sure all workers on site are fully trained and certified. TPI Inspections and certifications ensure that the system of checks and balances is robust.

Innovation has been a core value at Interarch, and it's a continuous process. We use specially developed paint systems for our structures, and all painting is done at the factory keeping all environmental norms in mind. The DTM paint system was together developed with top-class paint manufacturers.

We constantly innovate to see how we can reduce site work and deliver buildings with safety on all our project sites."



Mahesh Verma
President Operations

"If you really love your family, take care of safety so that you do not become a physical nuisance in their lives.

For us in Interarch, Safety is our first priority and everyone's responsibility. We have strict safety rules and work instructions for all our work, whether at sites or in plants. We have a zero tolerance policy regarding safety, and there are no excuses allowed for bypassing any safety rules and/or procedures.

Our work culture for safety is not only working safely for oneself but also caring for the safety of our colleagues, family, and everyone else we come into contact with. We intervene whenever we see unsafe behaviour or unsafe work.

We conduct regular safety training, webinars, and safety audits and have the involvement of top management to ensure that these are followed in letter and spirit.

We believe that Safety is not something that happens through your body's actions only but is a state of mind, and therefore, we constantly engage in repeating our safety drill every morning of all our sites. We believe that creating a safe culture is a continuous process, as a frequent state of mind is common to human nature."

AWARDS & CERTIFICATES RECEIVED BY INTERARCH, FOR BEST SAFETY PRACTICES



Tata Projects Ltd
Chennai, Tamil Nadu
Building Usage: State-of-the-art Solar PV Module Manufacturing Facility
Project Area: 1,50,000 Sq M
Building Tonnage: 14,000 MT
Appreciation: Certificate of Appreciation for Best Safety Conscious Sub-Contractor for First Solar Project

Blue Star Climtech Ltd
Sri City, Andhra Pradesh
Building Usage: State-of-the-art automated and smart Room ACs Manufacturing Facility
Project Area: 27,000 Sq M
Building Tonnage: 2400 MT
Appreciation: EHS Award for achieving One Million safe work-hours during the construction of the project



CEAT Ltd
Chennai, Tamil Nadu
Building Usage: State-of-the-art Manufacturing Facility
Project Area: 1,45,000 Sq M
Building Tonnage: 10,000 MT
Appreciation: Safety Appreciation Award

JSW Steel Coated Products Ltd
Rajpura, Punjab
Building Usage: State-of-the-art Colour Coated Line Facility
Project Area: 18,000 Sq M
Building Tonnage: 2,000 MT
Appreciation: Certificate of Appreciation for achieving 2,20,000 safe man hours.



IndoSpace Industrial & Logistics Park
Ranjanpura, Maharashtra
Building Usage: Modern Logistics Parks
Project Area: 1,45,00 Sq M
Appreciation: Appreciation Award for Excellent contribution to HSE.

ReNew Photovoltaics Pvt Ltd
Dholera, Gujarat & Jaipur, Rajasthan
Building Usage: Solar PV Module Manufacturing Line
Project Area: 1,10,00 Sq M
Appreciation: Certificate of Safety Appreciation for achieving One Million Safe man-hours without LTI.

INTERARCH ORGANISED TRAINING ON ROAD SAFETY AND ADHERENCE TO TRAFFIC RULES/ GUIDELINES

Safety is a way of life at Interarch. Interarch recently collaborated with the Government of Tamil Nadu and Trax (a NGO), to organize an interactive session on road safety for employees. The session aimed to instil a greater sense of alertness and responsiveness while on the road.



INDUSTRY SPOKESPERSON

MR. NAVEEN NANDA, SR. GENERAL MANAGER – PROCUREMENT & SUPPLIER MANAGEMENT – HAVELLS INDIA LTD.

Workplace safety has become the main priorities for organizations across the world. I wanted to express my opinions and experiences as a customer of Interarch Building Products regarding a significant quality that genuinely distinguishes them: their unwavering dedication to safety.

Our decision to choose Interarch for our most recent building project was based on their commitment to Quality of work & prioritizing safety. Interarch showed a fundamental dedication to upholding a robust safety culture at every level of the project from the initial consultation to the last delivery. Their team was particularly focused on safety issues throughout the planning and execution phases in addition to bringing experience in their specialized domains.

The way Interarch adapted their safety solutions to the requirements of our project really impressed us. They take safety precautions that were especially created to address the complexities of our construction because they are aware of our needs and concerns. As a consumer, I think it is our duty to support businesses who place a high priority on safety. Our view that we can work together to create a better and more secure future is strengthened by Interarch's commitment to road safety for employees. The session aimed to instil a greater sense of alertness and responsiveness while on the road.

We send the Interarch Team our best wishes for a successful future.



Naveen Nanda
Sr. General Manager – Procurement & Supplier Management - Havells India Ltd.

INDUSTRY SPOKESPERSON

DR. GAURAV VARMA, MANAGING PARTNER, STUDIO LINEDESIGN, NEW DELHI

Construction sites are dynamic and complex environments that require meticulous planning, effective management, and adherence to best practices to ensure the safety of workers, the quality of the project, and the protection of the environment. By following a set of recommended construction practices, project stakeholders can mitigate risks, enhance efficiency, and deliver successful outcomes. This article highlights key best practices that should be followed at construction sites.

Prioritize Safety: Safety should be the foremost priority at construction sites. Implement comprehensive safety programs, conduct regular training sessions, and enforce strict adherence to safety protocols. Provide appropriate personal protective equipment (PPE), conduct site inspections, and promote a safety-conscious culture. This ensures the well-being of workers, reduces accidents, and creates a secure work environment.

Efficient Site Management: Efficient site management is crucial for project success. Establish clear lines of communication, define roles and responsibilities, and maintain proper documentation. Regularly communicate project goals, monitor progress, and resolve issues promptly. A well-managed site enhances productivity, minimizes delays, and fosters collaboration among team members.

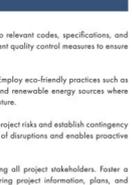
Quality Control: Maintaining high-quality standards is essential for construction projects. Adhere to relevant codes, specifications, and standards. Conduct regular inspections and quality checks to identify and rectify any defects. Implement quality control measures to ensure the final product meets the required standards and satisfies client expectations.

Environmental Responsibility: Construction projects should prioritize environmental sustainability. Employ eco-friendly practices such as waste management and recycling. Utilize sustainable building materials, energy-efficient systems, and renewable energy sources where feasible. Minimizing the environmental impact helps preserve the ecosystem and reduce a greener future.

Risk Management: Identify potential risks and develop strategies to mitigate them. Regularly assess project risks and establish contingency plans to handle unforeseen events or emergencies. Effective risk management reduces the likelihood of disruptions and enables proactive problem-solving.

Collaboration and Communication: Encourage collaboration and effective communication among all project stakeholders. Foster a positive working relationship between architects, engineers, contractors, and subcontractors. Sharing project information, plans, and revisions ensures clarity and alignment among team members.

Implementing best construction practices is essential for achieving safe, successful, and sustainable projects. By prioritizing safety, efficient site management, quality control, environmental responsibility, risk management, and collaboration, construction stakeholders can optimize project outcomes. By adhering to these best practices, the construction industry can continue to evolve and thrive while delivering projects that meet the needs of society.



Gaurav Varma
Managing Partner, Studio LineDesign

TATA BLUESCOPE & INTERARCH - ENDURING PARTNERSHIPS

TATA BLUESCOPE STEEL CELEBRATED 25 YEARS OF GLORIOUS PARTNERSHIP "ANUBANDH" WITH INTERARCH.

In recognition of 25 glorious years of business association with Interarch, Tata Bluescope Steel organized an event "ANUBANDH". The event was graced by the senior leadership team of Interarch and the senior leadership team of Tata Bluescope, along with other members of both organizations.

Leaders from both organizations talked about their journey and associated benefits when both companies came together to transform India's steel construction landscape with innovative and sustainable solutions with an unaltered focus on world-class product experience and great customer service.



CELEBRATION OF 40 YEARS OF INTERARCH

Interarch recently celebrated 40 years of Interarch at Chennai plant. It was a milestone moment in our history, and we celebrated it with our team of 800 Interarchs. The event was graced by our M.D. Mr. Arvind Nanda, Founder Director & CTO, Mr. Gautam Suri, CEO, Mr. Manish Garg, Export Director, Mr. Vinay Nanda and President Operations, Mr. Mahesh Verma.

The event was celebrated with scintillating song and dance performances by employees and their children, followed by an award distribution ceremony.



5 CONSTRUCTION TECHNOLOGIES & TRENDS SHAPING THE INDUSTRY

The appeal of new construction technology lies in its promise and capacity to allow companies to build faster and smarter. That is, be more efficient and competitive. The latest innovations often go beyond that to be more environmentally friendly, house people in innovative ways, pave roads with advanced materials, and operate with greater wisdom. Furthermore, new construction technology is driving efficiencies in connectivity, analytics, and big data.



New technologies streamline construction project management processes and reduce waste. This includes resource scheduling, tracking performance, equipment maintenance, and collaboration between teams.

- Cloud-Based Collaboration Tools:** Cloud-based tools can incorporate a wide range of processes. This includes methods for data capture, planning, rollout, and enterprise deployment. With digital, there is no limit to the communication channels you can incorporate.

- Virtual Reality:** Virtual reality has become a part of the preconstruction process itself. Virtual reality tools help prevent problems or disasters before construction begins. It's a good way to increase efficiencies before all the more significant investments. It also opens doors to greater creativity during the design phases.

- Wearables & Mobility:** Connectivity is the greatest efficiency driver in the market today. Mobile and cloud-based systems can connect workers to projects in real-time. Wearables are improving the ways workers interact on the job. This technology can ensure the moving parts of a job are in place and accounted for.

- Predictive Analytics:** Risk management is another important quality of construction firms. Exploring how to use data for predictive analytics is an essential way to mitigate risk. For example, by analyzing the productivity of key resources such as labour and equipment, big data solutions can inform the project team of potential delays, possible fatigue, and overall project time and cost overruns. Analytics tools can identify the most problematic areas.

- Augmented Reality:** Augmented reality is transforming how workers interact with their tasks. It allows workers to analyze problems. They can use it to help with task analysis, building, and repair.

INAUGURATION OF JSW COLOUR COATED LINE FACILITY AT RAJPURA BY HONOURABLE CHIEF MINISTER OF PUNJAB, SHRI BHAGWANT MANN

Interarch recently completed a complex state-of-the-art colour coated line facility for JSW Steel Coated Products Ltd in Rajpura, Punjab. The project was executed with meticulous planning and dedication and the result was on time delivery and perfection resulting in customer delight.

The manufacturing facility was inaugurated by the honourable Chief Minister of Punjab, Shri Bhagwant Mann.

Location: Rajpura, Punjab
Building Usage: State-of-the-art Colour Coated Line facility
Project Area: 18,000 Sq M
Scope of Work: Detailed engineering, manufacturing, supply and erection of Pre-Engineered Steel Buildings at the site.

Special Features:

- The building houses a complex ECR room having a mezzanine floor with a considered load of 10kN/m²
- Movement of 7 of cranes having a capacity that ranges from 5 MT to 35 MT
- Lateral columns are designed to ensure heavy crane movements and functional loads.
- Collateral loads of solar panel, false ceiling, and cable gallery for functional requirements.



Inauguration of JSW Colour Coated Line, at Rajpura by Honourable Chief Minister of Punjab, Shri Bhagwant Mann.



Completion Certificate for JSW Steel Coated Products Ltd.



Interarch received Certificate of Recognition from JSW Group.

UNALTERED FOCUS ON CUSTOMER DELIGHT

Interarch has always been a customer-centric company, right from its inception, with a clear focus on achieving customer delight. Our priority is to deliver a world-class experience to our customers through impeccable customer service.

We have always believed in going above and beyond when it comes to customer satisfaction through continuous improvement and innovation. We have invested in innovating improved methods of engineering and erection which has ensured the delivery of each and every project with highest quality on time, every time.

Our customer satisfaction index is best in the industry. Our client feedbacks are a testament to our world-class experience.

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Interarch Building Products Pvt Ltd - Customer Feedback Report

Rate us on the question below 1 to 5 (5 is the highest rating) - 1 - Not satisfied, 2 - Satisfied, 3 - Good, 4 - Very Good, 5 - Excellent

Our representation of your building type or project/industry		Order Stage	
1) Committed to Customer requirements	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	2) Receive order and quote	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
3) Response time and cost	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	4) Customer outcome / value/practices	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
5) Production and quality of overall project/building		6) Delivery of building	
7) Quality of workmanship/finish/fit	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	8) Compliance & Safety Building systems	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
9) Delivery of the Project from build-out to completion	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	10) Response from partner/representative	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
11) Repetition of requests / changes/extra work	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	12) Buildable within	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
13) Working to your requirements	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	14) Buildable within	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
15) Project completion by agreed date	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	16) Project completion	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Headline requested feedback for a representative: Yes No Not Sure

Project No: 05201910 Project Name: Stobhill & Royal My (2) Ltd Project Location: Stobhill, GB

Date: 09-Jan-2019 Customer Name: Salford City Customer Email: salford@stobhill.com

Actual Customer Feedback from Grouje & Boyce Manufacturing Co Ltd

BUILDING MADE POSSIBLE IN STEEL - THE NEW STOBHILL HOSPITAL, GLASGOW, SCOTLAND

The New Stobhill Hospital is one of two new ACAD (ambulatory care and diagnostic) facilities for NHS Greater Glasgow Clyde under PPP.

This new hospital deals with about 80% of the patient load of a district general hospital with a high throughput of patients, about 2,000 per day. Great care was taken to design a functional building with clear wayfinding and a non-hospital feel.

The new Hospital was constructed adjacent to the existing facility on land which was formerly used as a car park. With its two three-level buildings having a total floor area of 30,000 m², it is one of the largest hospitals in Scotland.

The hospital's two three-storey rectangular buildings comprise steel frame construction on reinforced concrete foundations. The hospital's steel frame was completed in just 15 weeks, and by the 30th week from the start of construction out of 122 weeks, the contractor had started fitting out services and partitions.

This was due to the speed, sequence, and efficiency of the steelwork, which is twice as fast compared to conventional construction methods.

SALIENT FEATURES:

- 1,600 tonnes of steel and 6,500 m³ of concrete were needed to build the New Stobhill Hospital.
- The hospital has 1,400 doors and more than 550 windows.
- Laid out together, the hospital's internal partitions would stretch for six miles, which is greater than the distance between Bishopbriggs and Glasgow city centre.



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