



Interarch
LIFE Systems
for
Buildings
at Remote
Locations

INTERARCH BUILDING PRODUCTS NEWSLETTER

Vol:9, Issue 10, October 2018

Diwali Greeting

Dear Reader

May this divine light of Diwali spread into your life with peace, Prosperity, Happiness and good Health! Interarch wishes you and your family a very Happy Diwali



*Season's Greetings and
Best Wishes for a Happy Diwali*



INTERARCH BUILDING PRODUCTS PVT. LTD.
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Best Regards,

Arvind Nanda & Gautam Suri

Possibilities of Pre-Engineered Steel Buildings at Remote area:

Pre-Engineered Steel Buildings have now become the most favorable methodology for construction of buildings in India. The penetration of pre-engineered building has increased substantially, as there are certain functional advantages of pre-engineered buildings over the RCC building. Due to these advantages more and more architects, consultants and customers are more inclined toward pre-engineered buildings; like earthquake resistant, Indian Green Building Council compliant buildings, faster delivery, and minimum 40% of the time saving over RCC construction, and possibility of future expansion without disturbing the existing set-up.



It is convenient to build your projects or buildings in remote areas using Interarch Pre-Engineered Steel Building technology as your dependence on many factors is removed or reduced to a great extent.

Applications of Pre-Engineered Building at Remote location:

- Power plant Projects in remote locations
- Auxiliary building used near mines
- Buildings for Hydropower plants at remote locations
- Residential building and offices in hilly areas
- Site offices

Armed with the world-class construction technology and international quality, Interarch has the capabilities to help building structures for those who help build new India

Eco-Friendly and Green Building Technology: Reduce Pollution

Pre-engineered steel buildings are not just eco-friendly, but also profitable in the long run. The structures are made of 100% steel which is recyclable up to 90%, this saves primary resources and reduces waste hence saves energy. Our buildings help in reducing the carbon footprint by reducing the solid waste, improving air and waste quality and conserving natural resources by reducing the rate of consumption.



Interarch employs energy efficient methods in steel production that help to substantially reduce greenhouse gas emissions in our state of the art manufacturing facilities. Pollution free and further recyclable. Even after demolition, our buildings don't accumulate wastage like asphalt shingles, concrete, brick and dust in the environment and steel can be recycled for other applications too. Need for high-speed construction and better quality project is going to be a lead catering to the demand of steel and pre-engineered steel construction. All these points help in attaining LEED rating in buildings

Projects Delivered at Remote Locations:

Pre-Engineered Steel Buildings have now become the most favorable methodology for construction of buildings in India



Quality at Interarch: Quality Check during Manufacturing of Pre-Engineered Building:

There are 5 types of quality checks that are conducted in a manufacturing process of Pre-engineered Building in Interarch Building Products.

1. **Dimensional Inspection (DI)** - Interarch ensures 100% DI of all fabricated built-up items as per Manufacture Shop drawing. All inspection activities are carried out with calibrated measuring instruments.
2. **Visual Inspection (VI)** - Interarch ensures 100% Visual Inspection for any welding defect, straightness, notches, burrs, waviness, sweep camber, twisting, finishing, etc. for all fabricated built-up items.
3. **Ultrasonic Testing of Welding Joints (UT)** - Ultrasonic testing is carried out by Ultrasonic Flaw Detector machine by certified N.D.T level 2 person on flange butt welds and other Complete Joints Penetration (CJP) weld joints. As per frequency mentioned in quality plan.
4. **Di-penetrate Testing (DP)** - This test is carried out on all critical weld joints by qualified operators. Testing frequency is kept as per quality norms
5. **Dry Film Thickness Primer & Paint (DFT)** - It is a measuring unit of primer / paint coating in microns. This test is performed by trained operators with the calibrated Elcometer on all structural members randomly to ensure the fulfillment of customer requirement.



Project Spotlight: National Thermal Power Corporation Limited

Interarch, a pioneer in Light Steel buildings delivered an office building for NTPC Limited. Two buildings of identical dimensions have been engineered & delivered by Interarch with a total area of 35000 Sq. M. The building was completed in the time frame of 2 months.



Project Features

Project Name	National Thermal Power Corporation Limited
Project Location	Kudgi, Karnataka
Building Usage	H-Type Office Building
No. of Buildings	2
Area	35000 Sq. M
Roofing Profile	Hi-Rib
Exterior Finish	Cement Board
Interior Finish	MDF Board
False Ceiling	600 x 600 Gypsum Tile
Insulation Roof	Glasswool
Insulation Wall	Rockwool



<h4>Project Won</h4> <ul style="list-style-type: none"> • Jash Dambha Steels Limited, M.P • Jagadamba Steels Pvt Ltd, Nepal • Grasim Industries Limited, Gujarat • Prem Cargo Movers Pvt Ltd, Rajasthan • Tata Motors Limited, Maharashtra 	<h4>Project Completed</h4> <ul style="list-style-type: none"> • Indospace Industrial Park Ltd, T.N • Rolex Process, Rajasthan • Intas Pharmaceutical Ltd, Uttarakhand • Fujita Engineering India Pvt. Ltd., T.N
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Training & Development at Interarch

The Financial Wellness Training Program was conducted in the Interarch head office for all the employees by external faculty Mr. Pankaj Vasdev Sahjiwani on 27th October 2018



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