



Director's Epistle



Arvind Nanda
 Founder Director & CEO

Gautam Suri
 Founder Director & CTO

It brings us pleasure to announce that our newsletter has completed 4 years and with this issue- we are launching Volume 5 of the newsletter.

We would like to express gratitude to all our readers and all our partners for contributing to the newsletter in form of informative articles and interviews for successful completion of four years of this journey

We hope the newsletter has been a regular source of information to you and we will try to keep you updated with all latest trends and new technologies in this sector. Please send us your valuable feedback to help us improve.

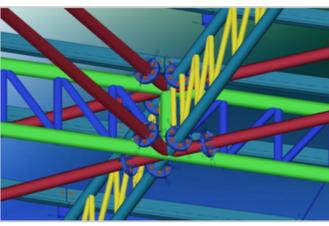
Thanks & Regards,
 Arvind Nanda & Gautam Suri
 Founder Directors - Interarch Building Products

New Innovation in Design using Interarch Infrastructure Structural Steel by Mr. Sanjay Modi, CEO Interarch Infrastructure

Interarch Infrastructure takes innovation in engineering and strives to go beyond the realm of conventional construction with its team of leading engineers, world-class manufacturing and efficient project handling, for heavy project construction.



Interarch Infrastructure started Infra Engineering division in January 2013 for design, building and erection of complex and large steel structure using Pre-engineering technology. Considering the requirement of accurate construction and preliminary clash detection we decided to adopt Tekla Structure because Tekla enables to create highly detailed model which can be used by other agency to incorporate other building information. Currently we are using TeklaBIMSight (Real 3D web based Model) for our project department which is really very useful for our project people to understand & visualize the real & 3 Dimensional structure.

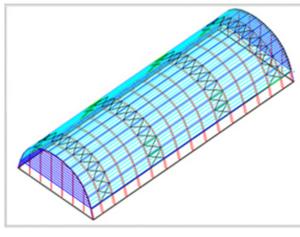


- Advantages of using Tekla software:-**
- Building information modeling integration.
 - Useful for Large & complex Structure using 3D modeling.
 - Create highest degree of accuracy in modeling which will be useful for making error free fabrication.
 - Real experience from Design & detailing to construction Site.
 - Common platform for modelling, detailing, creating manufacturing drawings, execution drawing, material management and many other inherent features.
 - Drawings Accuracy

Interarch's Innovation in Steel

Large Clear Span Curved Shaped Buildings

- Applications:**
- Large span Cement Manufacturing Storage for Coal, Gypsum, Lime, Clinker etc
 - Warehouse
 - Air Craft Hanger Buildings
- Typical Cross section showing the internal stacker arrangement for Cement Industry**
- One of the most natural stable shape
 - Most economical
 - The live load is minimum (As low as 0.4 kNm2 as per IS-875 Part-2)
 - Minimum surface area of the roofing and cladding. Hence huge saving in Roofing and cladding materials
 - It can be manufactured with the same easiness of low complexity PEB
 - Dust collection on the roof is minimum hence Ideal for Cement Industry
 - Erection can be done with the same clear span PEB



Ultratech Cement Limited, Chattisgarh

Project Name	Ultratech Cement Limited (Unit - Rawan Cement Works)
Project Location	Rawan , Chattisgarh
Building Usage	Lime Stone Covering Shed
Length	469 M C/C of steel column
Width	62 M O/O of steel column clear span
Height	14 M height at eave
Area of Project	29078 Sq. M
Project Feature	<ul style="list-style-type: none"> ● Clear Span of 62 M ● Roof slope 1 in 4 ● Building design as per IS 800-2007 ● Pregalvanized purlin & girts ● Dust load 0.5 KN/M2 on roof ● Roof - 0.47 m Tracdek Hi-Rib bare galvalume (550 Mpa) ● Wall - 0.50 M Tracdek Hi-Rib colour coated galvalume (550 Mpa)



Overview of Cement Industry in India

India's potential in infrastructure is vast and cement plays a vital role in the growth and development of the nation. India is the second largest producer of cement in the world. The cement industry has been expanding on the back of increasing infrastructure activities and demand from housing sector over the past many years.

India's cement sector had clocked a 5.6 per cent growth in 2012-13 and projects a growth of 5-6 per cent in the next fiscal, which would be supported by an expected increase in demand from the rural sector and tier II and tier III cities, as per India Ratings and Research report

The Indian cement sector is expected to witness positive growth in coming years, with demand set to increase at compound annual growth rate (CAGR) of more than 8 per cent during 2013-14 to 2015-16, according to RNCOS report titled, 'Indian Cement Industry Outlook 2016'.

The overall growth of the cement sector contributes to the growth of the various cement manufacturers and many foreign player's investment in India.

Henceforth increase in the scope of construction in this sector at a very high pace.

Possibilities of Interarch Pre-engineered building for the cement Industry

- Cold storage Building
- Lime stone storage
- Additive Storage
- Additive hoppers
- Raw Mill Building
- Clinker
- Gypsum Building
- Cement Mill and Bag House
- Packing and dispatch Unit
- Central control Room
- Auxiliaries buildings for storage
- Loading/unloading Railways shelters



Customer Testimonial



Events at Interarch

Interarch conducted Closed Group Seminar in Jaipur on 4th April 2014 to showcase Interarch's innovation in Pre-engineered buildings and Interarch solutions for Light buildings in India.



Tips for Working at Site During Summers

- Employers should take the following steps to protect workers from heat stress:
- Schedule maintenance and repair jobs in hot areas for cooler months.
- Schedule hot jobs for the cooler part of the day.
- Acclimatize workers by exposing them for progressively longer periods to hot work environments.
- Reduce the physical demands of workers.
- Use relief workers or assign extra workers for physically demanding jobs.
- Provide cool water or liquids to workers.
- Avoid alcohol, and drinks with large amounts of caffeine or sugar.
- Provide rest periods with water breaks.
- Provide cool areas for use during break periods.
- Monitor workers who are at risk of heat stress.
- Provide heat stress training that includes information about:
 - Worker risk
 - Prevention
 - Symptoms
 - The importance of monitoring yourself and coworkers for symptoms
 - Treatment



Trivia Question of the Month

Which is the largest clear span delivered by Interarch?

- 99M
- 77M
- 65M
- 50M



Correct answer to the last month question is ; in the year 2000 first manufacturing facility was set up by Interarch.

New Projects Wins

- Tata Motors Limited, Uttarakhnad
- India Land & Space Infrastructure Pvt. Limited, Haryana
- D. B. Corp Limited, Madhya Pradesh
- Indofi Industries Limited, Gujarat
- Ask Automotive Pvt. Limited, Delhi NCR
- Shree Ram Graninarmo Pvt. Limited, Haryana



Projects Completed

- Systematic Conscom Limited, Haryana
- D. B. Corp Limited, Madhya Pradesh
- AnupamRasayan India Limited, Gujarat
- Satyam Balajee Automotive Pvt. Limited, Chhattisgarh
- Hitachi Plant Technologies India Pvt. Limited, Tamil Nadu



Press Coverage

- Construction Mirror
- Dainik Jagran
- Rajasthan Patrika



