



## Safety at Interarch

At Interarch we aim to provide best engineering, manufacturing, logistics & erection of pre-engineered Steel buildings for our customers. We aim to train and mentor our teams and management at the highest levels to ensure best quality of execution under stringent safety norms.

We believe in providing healthy and safe working environment to our employees and certified builders. This year we have revised our HSE policy to ensure that all the projects are delivered in the most efficient manner and stringent safety norms are followed across all project locations



Safety Awards Won by Interarch in Recent Years:



## New Upcoming Area for Development: Gujarat International Finance Tec-City

GIFT is an under-construction central business district between Ahmedabad and Gandhinagar in the Indian state of Gujarat. It will be built on 359 hectares (886 acres) of land. Its main purpose is to provide high quality physical infrastructure (electricity, water, gas, district cooling, roads, telecoms and broadband), so that finance and tech firms can relocate their operations there from Mumbai, Bangalore, Gurgaon etc. where infrastructure is either inadequate or very expensive. [1] It will have a special economic zone (SEZ), international education zone, integrated townships, an entertainment zone, hotels, a convention center, an international education zone, integrated townships, an entertainment zone, hotels, a convention center, an international techno park, Software Technology Parks of India (STPI) units, shopping malls, stock exchanges and service units.



To develop and implement the Project, Government of Gujarat (GOG) through its undertaking Gujarat Urban Development Company Limited (GUDCOL) and Infrastructure Leasing & Financial Services (IL&FS) have established a Joint Venture Company, "Gujarat International Finance Tec-City Company Limited" (GIFTCL). The estimated cost of the entire project is Rs. 70,000 crore.

## Project Management Tip - Proper Erection of Rafters

### Assembly of Rafter Segments

- The segments of rafter are shifted from stacking yard to the required position of erection.
- With the help of Erection part mark drawing the rafter Segments are assembled on the ground
- The high tensile bolts are used for connecting the segments of the rafter. The quality manager at site ensures that specified torque and its limits are used by the erection team as per torque table issued by the Designer
- All fixtures such as purlin clips flange braces are fixed to the rafter at ground which helps in easy alignment of the structural member after erection and also in saving time of man lift equipments.
- Guy ropes are used as temporary supports for the rafter before fixing of its secondary members. These steel ropes are also fixed to the rafter before erection of rafter.



### Erection of Rafter

- The position of lift of the rafter is also designed by studying the bending moment diagram of the assembled rafter.
- The crane load carrying capacity during the lift of rafter is studied and higher load carrying capacity cranes are used for erection of rafter.
- The erection manager at the site is the controller of the lift of rafter, operating the entire lift with single signal man.
- Lift the rafter gradually and place it with the help of cranes with proper guy ropes.
- End of the rafter should be hold with temporary bracings from ground; it will help to connect the rafter with column connection at both ends
- Hold the rafter in place until it is securely bolted to the column with the help of boom lifts. Temporary bracings are installed to hold the assembled frame in place
- Temporary bracings should be tightened with same tension on opposite sides
- The alignment of rafter can be adjusted using the tested and certified turnbuckles which are fixed in the Guy Ropes tied to the heavy concrete blocks
- After stabilizing the rafter with all its connections and Guy Ropes the cranes can be released for the immediate lift of the next Rafter.

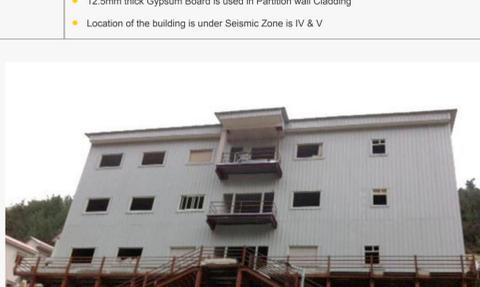


## Project Spotlight: GMR GROUP

Interarch completed project for GMR Group in Himachal Pradesh located in remote area with unfavorable climatic condition & earthquake prone location. Interarch delivered buildings for GMR using composite steel structures - Steel Built -Up sections for framing & LGFS for walls. The scope of work included design, engineering, fabrication, supply and erection of the Pre-Engineered building.



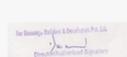
Project Name	GMR Group	
Project Location	Chamba, Himachal Pradesh	
Building Usage	GMR Office Building & Staff Accommodation	
Project Area	1098.4323 Sq. M	
No. of Buildings	Building 1(Staff Accommodation)	Building 2(Office Building-G+2)
Length	10.875 M	14.57 M
Width	20.55 M	25.13 M
Height	6.935 M	10.642 M
Special Features	<ul style="list-style-type: none"> <li>The light gauge framing system used in the building is of hi-tensile Bare Galvalume(150 GSM) Galvanized (275 GSM) cold form C section</li> <li>TRACDEK Hi-Rib SMP profiled sheeting 1000-1020 mm cover width</li> <li>The main vertical framing structure is fixed to plinth tie beam using steel anchor fasteners</li> <li>Internal cladding with 8 mm thick non asbestos Fibre Cement Board</li> <li>0.8mm thick Decking Sheet us on the structure</li> <li>50mm thick Rockwool wall insulation is used &amp; 50mm thick Glasswool insulations is used on roof to provide comfortable environment</li> <li>12.5mm thick Gypsum Board is used in Partition wall Cladding</li> <li>Location of the building is under Seismic Zone is IV &amp; V</li> </ul>	



## Customer Testimonial

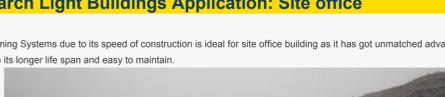
Interarch Building Products executed Pre-Engineered Building project of our factory in Bhiwadi(Mumbai). We are satisfied with the work and happy with timely completion of the project.

We wish Interarch very best in all their future endeavors.



## Interarch Light Buildings Application: Site office

Interarch Light Gauge Framing Systems due to its speed of construction is ideal for site office building as it has got unmatched advantages over the conventional construction system due to its longer life span and easy to maintain.



## Projects Completed

- TATA Motors Ltd in Uttarakhand
- Riddhi Siddhi Developers in Rajasthan
- Navyoiti Commodity in Madhya Pradesh
- Global Shine Industries Pvt. Ltd. in Rajasthan
- MM Seeds in Uttarakhand



## Projects Won

- Apollo World Connection in Tamil Nadu
- APL Apollo Tubes Pvt. Ltd in Chhattisgarh
- Micro Turner in Karnataka
- Nahar Logistics Park in Punjab
- Jet Furniture Co. in Rajasthan



## Corporate Social Responsibility

Interarch donated a sum of Rs. 50,000 to Uttarakhand Police for installation of CCTV cameras in SIDCUL and US Nagar District for better safety of citizens



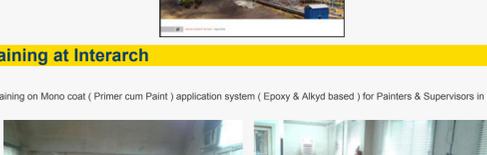
## Press Coverage

Interarch in Press: Indian Cement Review Magazine



## Training at Interarch

Interarch organized training on Mono coat ( Primer cum Paint ) application system ( Epoxy & Alkyd based ) for Painters & Supervisors in Kichha plant on 13 April'16



## Trivia Question for the month: May 2016

How many buildings have Interarch Delivered for Automobile & Automotive Ancillary companies in India?

- 200- 250 Buildings
- 500- 550 Buildings
- 650-700 Buildings
- 300- 350 Buildings

Kindly Log on to our Face book page and provide correct option:  
www.facebook.com/interarchbuildings

First 3 correct answers will win Interarch branded merchandise

## Health Care Tips for summers:

- Stay cool and well hydrated , drink at least 8-10 lass of water every day
- Eat More Fruits and Vegetables high in water content
- Exercise Regularly in evening
- Protect Your Skin from being exposed to Sun by applying sunscreen lotion or by wearing full sleeves clothes
- Don't eat road side food which has been exposed to sun for long



