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Over the years spectacular innovations have taken place in the development of new materials and techniques in formwork systems and solutions. As one of the leading players in this segment, what is your overview of such developments and how these developments have been an integral part of your ongoing product development exercise?

The Formwork Industry in India is still at its nascent stage.

But the development of the formwork is fast picking up in many places across India. Many Construction companies are now willing to adopt newer technologies to differentiate themselves as well as to ensure scheduled completion of the projects.

Many Formwork Companies are bringing different developments in the Formwork activity which has enabled the construction companies to go for the change in the civil work.

We, at, being the leading brand in the manufacturing of Formwork H-Beams are committed towards developing value added products.

We have been into the Manufacturing of H-Beam for the past 4 years and since then have moved up in the value chain by regularly developing the Product and acquired impressive Clients.

We offer Value to our Clients by providing the product matching International Standards at lesser price.

We have state-of-the-art infrastructure facility equipped with modern technology and are adopting the latest Technological changes so as to provide quality products to our esteemed Client.

Apart from superior technical attributes of the products, what are the related technical services and professional expertise essential to facilitate effective implementation of formwork H-Beam? Please describe in brief services being provided at your end.

We are committed to provide the best quality product matching international standard to the Construction Company in India.

We also produce H-Beam based on the different requirement of the Client thus providing customization when required.

Apart from this, we are planning to introduce the "after sales service" whereby we will be sending our Technical team to the sites and attend the problem or issues faced during the usage of product.

**What are the inherent techno-economic benefits of formwork H-Beam over the conventional solutions and as a pioneers in these systems, how would you like to sensitize these benefits to percolate down the line in construction projects, which are not fully aware of these benefits?**

Below are the Economical benefits of using Formwork H-Beam:

- ◆ Reduces formwork cost by 15%–20%.
- ◆ Section of concrete support 'H' shaped, making it a structurally strong and economical section.
- ◆ Repetition in operational use up to 10 to 13 times as compared to





- normal good conventional timber
- ◆ High load bearing capacity at low weight.
  - ◆ Reduces the cost of Formwork making, as it does not require planning, sawing and cutting.
  - ◆ Gives a perfect form finish, free from bulging and distortion
  - ◆ No skilled supervision required monitoring the making of the formwork against the conventional timber formwork.

Many Project Managers are reluctant to adopt the change unless shown the benefits of the system.

So, we are continuously making efforts to fill in this gap by giving them the awareness of these systems.

**A word about your company, its product range, and Quality system in places.**

We, Nav Nirman Beam Technics introduce ourselves as the leading Manufacturers & Exporters of Timber H-beam (H16 & H20) in India.

Nav Nirman was started in 2003 with a vision of providing the best engineering wood and Project Wood Consultancy to the growing Construction Industry in India.

Nav Nirman executed a number of L&T projects in the area

of Project Wood Consultancy over the years garnering good reputation of completing the project in time and Quality conscious.

Simultaneously, Nav Nirman also became the leading brand in the manufacturing of Timber H-Beam in the year 2010-11.

H-Beam is a unique introduction to overcome the cumbersome and costly procurement of timber. (It has been designed to withstand multiple loads during construction activities.

The members are made of seasoned ply by making the web and flange section of seasoned Pinewood imported from Europe so as to make Timber H-Beam stronger and denser.

Both the flange and web are hot processed by the wedge technology making it a composite versatile section.

Our Quality Policy is to achieve excellence in the quality of Design, Manufacture to attain total customer satisfaction.

We have a dedicated R&D team that continuously integrates the advanced technological changes and modifications to match International standards.

The company has state-of-the-art-infrastructure facility equipped with modern technologies so as to provide quality products to its esteemed clients. Our in-house R&D unit and a manufacturing unit ensure that the products are made in compliance with international standards.

The company has its own Quality control team that looks after the Quality aspect by inspecting the material at every stage of the Production and ensures that the best Quality product reaches to its Clients.

**Safety and sustainability are of utmost importance in Scaffolding and formwork systems; how do you look at these issues while developing new products?**

Our R&D unit has been regularly working to look after the problems and issues relating to the safety and security of the Formwork H-Beam.

To counter this problem, we have planned to use cap protection in the edges of the beam, the protection being with rubber material, so as to ensure there is no larceny of the material and also to improve the lifespan of the H-