

Industry Outlook

COMPOSITE MATERIALS MANUFACTURERS

THEINDUSTRYOUTLOOK.COM



IS PROUD TO PRESENT

SHIV SHAKTI FIBRE UDYOG

AS ONE OF THE

TOP 10

**COMPOSITE MATERIALS
MANUFACTURERS**

2024

*in acknowledgement of its unwavering focus and dedication
to achieve excellence in quality and delivery in this field.*

Sudhakar Singh

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Managing Editor
Industry Outlook

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JULY, 2024

LEADING THE
WAY IN INDIA'S
COMPOSITE
MATERIALS
REVOLUTION

SHIV
SHAKTI
FIBRE
UDYOG



Vinay Bansal
Founder & CEO

₹150



SHIV SHAKTI FIBRE UDYOG

LEADING THE WAY IN INDIA'S COMPOSITE
MATERIALS REVOLUTION

By Shashank Shekhar

The composites market in India has witnessed remarkable growth and transformation over the last 25 years, with glass fiber-reinforced plastics becoming a key segment. While the industry was relatively undeveloped in the late 1990s, it has now matured significantly, is worth around Rs 16,000 crore, and is growing at an annual rate of 15.6 percent. However, the composites market has been grappling with the challenges of educating new customers on how to choose the right composite products and managing commercial issues in the largely unorganized sector. Shiv Shakti Fibre Udyog stands as a beacon of excellence in the roofing industry, led by a team of management graduates and technocrats dedicated to delivering world-class roofing products at competitive prices.

Shiv Shakti Fibre Udyog addresses industry challenges by thoroughly educating clients on selecting the right composite products, especially within the construction industry where confusion often arises due to the diverse range of available materials. The firm prioritizes understanding each client's unique needs and provides tailored recommendations to ensure optimal product selection. This customer-centric approach not only fosters trust and loyalty but also enables it to navigate the complexities of the industry effectively. Additionally, while the company's history is rooted in providing solutions for factories and warehousing within the construction sector, the firm has expanded its services to encompass a wider range of applications, demonstrating its adaptability and commitment to meet Customer Satisfaction.



As the only BIS-licensed company in India for FRP Sheets, Shiv Shakti Fibre Udyog combines state-of-the-art technology with a holistic approach to deliver the world's best complete Pre-engineered Buildings (PEB) & Roofing & Cladding Solutions



Vinay Bansal
Founder & CEO

COVER
STORY



The firm's mission is to provide the highest standard of complete roofing products globally, ensuring customer satisfaction through its commitment to quality. The core principle of Shiv Shakti Fibre Udyog revolves around a proven track record of meeting tight deadlines without compromising on quality, demonstrating its team's expertise, dedication, and efficiency. The firm prides itself on fostering a culture of excellence, where every project is executed with precision and a focus on long-term durability.

Looking ahead, the vision is to become the leading and most competitive turnkey solution provider for complete building and roofing systems. The company aims to set new benchmarks in the industry by leveraging cutting-edge technology and innovative design, consistently delivering exceptional value to clients worldwide. The firm's holistic approach integrates concept, design, manufacturing, supply, and installation, ensuring a seamless and superior experience for its customers. Through continuous improvement and a customer-centric mindset, it aspires to build lasting relationships and drive sustainable growth in the global market.

Excellence & Sustainability

"With a dedicated focus on research and development spanning 25 years, we've established our R&D center, in-house quality control department, and comprehensive lab testing facilities. These investments ensure that we maintain rigorous standards unmatched by others in the composite industry. When advising customers, especially on critical products, we leverage our expertise and extensive product range to provide

tailored solutions that prioritize quality and performance", shares Vinay Bansal, Founder & CEO. Moreover, sustainability is ingrained in Shiv Shakti Fibre Udyog's operations, the firm has significantly reduced solid waste by 60-70 percent through innovative methods of producing zero-trimmed waste from sheet production for other purposes.

The company specializes in diverse products tailored to meet various industry needs. In the realm of Fiberglass Reinforced Plastic (FRP), it offers a comprehensive range of solutions from its Corrosion Resistant Solutions in the Roofing Industry, including UV-stabilized Daylight Panels, durable Opaque Sheets, and Chemical Resistant Gelcoated Sheets designed for harsh environments. Shiv Shakti Fibre Udyog's Wind Driven Turbo Ventilators provide efficient ventilation, while its FRP Rain Water Gutters ensure effective water management with corrosion resistance. Additionally, it also provides specialized corrosion-resistant Coating and Lining services, as well as robust Doors and Frames.

"In Polycarbonate Sheets, we cater to different requirements with high-quality Solid Polycarbonate Sheets and versatile Multiwall Polycarbonate Sheets. Furthermore, our Metal Color Coated Roofing and Cladding Sheets feature advanced profiles such as the HI RIB Trapezoidal Profile Sheet, Clip Lock Profile Sheet, Standing Seam Profile, and Steel Decking Sheet, each engineered for superior performance and aesthetic appeal", shares Vinay Bansal.

The company's USP is its commitment to customizing items to fit each client's needs and guaranteeing maximum satisfaction. With its knowledge of composite materials and

specialization in pre-engineered buildings and roofing sheets, Shiv Shakti Fibre Udyog can make advice that is well-informed and customized for each purpose. Strong R&D capabilities set the company apart and provide it the technological advantage it needs to continuously produce cutting-edge products and outperform rivals. The company's quest for perfection has seen it reach significant milestones over the years, as evidenced by its constant product improvements, customer-focused innovation, customer testimonials, and acquisition of certifications that lead the industry.

Forging Ahead

Shiv Shakti Fibre Udyog has established itself as a premier global manufacturer of Pre-engineered Buildings (PEB) and Roofing & Cladding Solutions, leveraging its innovative products and comprehensive offerings. The exceptional characteristics of Roofit's FRP sheets and rolls make them ideal for diverse roofing applications across various industries such as Cooling Tower Manufacturers, Chemical Industries, Steel Manufacturing Industries, Aluminium Manufacturing Industries, Mining Industries, Fertilizers Manufacturing Units, Power Plants, construction of refineries, petrochemical industries/refineries, all types of Industrial Sheds/Warehouses/Gold Storage/Factories, and more.

As the only Indian BIS-licensed company for FRP/GRP Sheets, Shiv Shakti Fibre Udyog combines state-of-the-art technology with a holistic approach to deliver the world's best complete roofing and building solutions. Roofit excels in the concept, design, manufacture, supply, and installation

of profiled FRP/GRP and Polycarbonate Skylight Roofing Sheets. Their product range also includes Wind Driven Turbo Ventilators, Ridge Ventilators, FRP Rain Water Gutters, FRP Gratings, Metal Color Coated Galvalume/Galvanized Roofing/Cladding Sheets, 'Z' and 'C' Purlins, Steel Decking Sheets for permanent shuttering solutions, Insulations and FRP Doors and Frames. All these products, along with complete accessories, are available under one roof, making Shiv Shakti Fibre Udyog a comprehensive provider for all Pre-engineered Buildings (PEB) and Roofing & Cladding Solutions.

The firm is proud to have established a strong and diverse client base that includes some of the most esteemed names in the industry. The company's clients, such as Jindal Steels, L&T, EIL, MES, Tata, Vedanta, Reliance, Kirby, NTPC, Aditya Birla Group, Hero Honda, and Mahindra, among many others, trust it for its commitment to quality and excellence. These partnerships underscore their reputation for delivering top-tier roofing and building solutions, tailored to meet the unique needs of leading corporations across various sectors.



Shiv Shakti Fibre Udyog is well-positioned to carry on its tradition of innovation and leadership in the industry as it moves forward. "Since our modest start in India using FRP sheets, we have continuously pushed limits and embraced technological innovations. We revolutionized the production process in 2007 when we installed the first automatic continuous laminating machine for making FRP Sheets, i.e. India's first BIS-licensed FRP Sheets making it history. We created innovative solutions to tackle the issue of corrosion by introducing anti-corrosion composite materials, after realizing the urgent demand for corrosion-resistant materials in India", adds Vinay Bansal. Furthermore, the firm's innovative work in Pre-engineered Buildings (PEB) and Roofing & Cladding Solutions has created new export potential globally. ■

Rooffit has established itself as a prominent name in Pre-engineered Buildings (PEB), roofing, and cladding solutions over the past 25 years. Renowned for its top-quality products and cutting-edge technology, **Rooffit** is committed to delivering excellence in every project.

As the *only* Indian company holding **Bureau of Indian Standards (BIS)** licenses for FRP/GRP Sheets, **Rooffit** sets the benchmark for quality in the industry. Our **FRP corrosion-resistant sheets** are particularly valued in sectors such as **refineries, chemical plants, and mining facilities**, thanks to their **exceptional durability and corrosion resistance**, with a lifespan of up to 15 years.

Rooffit is a pioneer in innovative roofing solutions, offering products like **FRP Chemical Resistant Sheets, FRP Daylight Sheets, and FRP Gel Coated Sheets**.

We uphold rigorous testing standards in our in-house laboratory and operate a **state-of-the-art Continuous Automatic Production Line**, ensuring that our offerings meet the highest quality benchmarks.

With a diverse portfolio of over *300 corporate clients*, **Rooffit** has earned the confidence and trust of its customers.

We continue to lead the market through innovation, consistently adapting to meet the dynamic needs of our clients.

VISION

"To be the leading provider of innovative Pre-engineered Building (PEB) solutions and composite materials, setting industry standards for quality, efficiency, and sustainability. We envision a future where our state-of-the-art structures and advanced composite products not only meet the diverse needs of our clients but also contribute positively to the environment. Through continuous improvement, cutting-edge technology, and a customer-focused approach, Shiv Shakti Fibre Udyog aims to transform the construction landscape and foster growth while building lasting partnerships that drive progress in both the PEB and composite materials sectors."

Participation in Exhibitions and Events

Shiv Shakti Fibre Udyog actively participates in various industry exhibitions and trade shows to showcase our innovative solutions and strengthen our market presence. These events provide us with invaluable opportunities to connect with industry leaders, potential clients, and partners, allowing us to demonstrate our expertise in Pre-engineered Buildings (PEB) and composite materials. By engaging directly with attendees, we gather insights into market trends and customer needs, which inform our product development and service enhancements. Our participation not only enhances brand visibility and strive to build lasting relationships, expand our network, ultimately driving growth and innovation within our sector.

Build Bangladesh Exhibition



Dec'23 - Dhaka, Bangladesh

ChemTech World Expo



Mar'24 - Mumbai, India

Steel Structure & Technology Summit



Jun'24 - Kolkata, India

Exhibition & Conference on Minerals, Metals, Metallurgy & Materials



Sep'24 - Delhi, India

India Prefab Expo & Exhibition



Oct'24 - Delhi, India



International Tours



**Vietnam, Portugal, South Africa,
Mauritius and Indonesia**

Upcoming Events

• Exhibitions

- North-East Build Expo - 22nd to 24th Nov'24
- Warehouse Logistics Cold Chain Exhibition - 5th to 7th Dec'24
- Industrial Engineering Xpo - 27th to 30th Dec'24

Affiliations



Certifications

UQSR.

Certificate

UQSR Global Private Limited has assessed the Quality Management Systems of

SHIV SHAKTI FIBRE UDYOG

KILLA NO - 71/8/1/1, VILLAGE HASSANGARH, TEHSIL- SAMPLA, ROHTAK, HARYANA- 124404, INDIA

And hereby declares that the organization is in conformance with:

ISO 9001:2015

For the following scope of activities:

PRE-ENGINEERED BUILDINGS (PEB), MANUFACTURERS, SUPPLIERS & EXPORTERS OF COMPLETE INDUSTRIAL BUILDING & ROOFING SYSTEMS, METAL COLOR COATED SHEETS, FIBERGLASS REINFORCED PLASTICS (FRP) & POLYCARBONATE SHEETS, FRP GUTTERS, FRP LINING, FRP CHEMICAL RESISTANT SHEETS, ROOF VENTILATORS, FRP GRATINGS, FRP & PVC DOORS & FRAMES

Further clarification regarding the scope of this certificate and the applicability of Quality Management Systems standard requirements may be obtained by contacting the organization

Certificate Number : UQSR-2770-SSFU

Original Issue Date : 18/07/2022 Current Issue Date : 22/05/2024 IAF Code: 17, 28

Surveillance Date : 17/07/2025 Recertification Date : 17/07/2025 Issue No. 03

**Validity of certificate is subjected to the continued satisfactory performance during surveillance audit






Authorized By



Certification Manager

UQSR Global Private Limited
www.uqsr.org

For information concerning validity of certificate, you can visit the site: www.uqsr.org

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Certificate of Compliance
 This is to certify that the Management System of:
SHIV SHAKTI FIBRE UDYOG
 KHEWAT NO. 430, KILA NO. 78/1/1/1, VILLAGE HASSANGARH, TEHSIL: SAMPLA DISTT: ROHTAK HARYANA- 1244004, INDIA.
 has been found in compliance with requirement of

ISO 14001:2015

 (Environmental Management System)
Certification Scope:
 PRE-ENGINEERED BUILDINGS (PEB), MANUFACTURERS, SUPPLIERS & EXPORTERS OF COMPLETE INDUSTRIAL BUILDING & ROOFING SYSTEMS, METAL COLOR COATED SHEETS, FIBERGLASS REINFORCED PLASTICS (FRP) & POLYCARBONATE SHEETS, FRP GUTTERS, FRP LINING, FRP CHEMICAL RESISTANT SHEETS, ROOF VENTILATORS, FRP GRATINGS, FRP & PVC DOORS & FRAMES

Certification Calendar

Certificate No : INQ/AN-16919/124204/0524

Registered on : 21-05-2024

Issued on : 21-05-2024

Expires on : 20-05-2027


 Authorised Signatory
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Certificate of Compliance
 This is to certify that the Management System of:
SHIV SHAKTI FIBRE UDYOG
 KHEWAT NO. 430, KILA NO. 78/1/1/1, VILLAGE HASSANGARH, TEHSIL: SAMPLA DISTT: ROHTAK HARYANA- 1244004, INDIA.
 has been found in compliance with requirement of

ISO 45001:2018

 (Occupational Health And Safety Management Systems)
For the following scope:
 PRE-ENGINEERED BUILDINGS (PEB), MANUFACTURERS, SUPPLIERS & EXPORTERS OF COMPLETE INDUSTRIAL BUILDING & ROOFING SYSTEMS, METAL COLOR COATED SHEETS, FIBERGLASS REINFORCED PLASTICS (FRP) & POLYCARBONATE SHEETS, FRP GUTTERS, FRP LINING, FRP CHEMICAL RESISTANT SHEETS, ROOF VENTILATORS, FRP GRATINGS, FRP & PVC DOORS & FRAMES

Certification Calendar

Certificate No : INQ/AN-16935/124023/0524

Registered on : 21-05-2024

Issued on : 21-05-2024

Expires on : 20-05-2027


 Authorised Signatory
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Certificate of Compliance
 We hereby declare that the technical file of product complied with the requirement of directives Directive 2009/125/EC
Applicants
 Name : SHIV SHAKTI FIBRE UDYOG
 Address : KHEWAT NO. 430, KILA NO. 78/1/1/1, VILLAGE HASSANGARH, TEHSIL: SAMPLA DISTT: ROHTAK HARYANA- 1244004, INDIA
Product : PRE-ENGINEERED METAL BUILDING SYSTEMS (PEB), METAL COLOR COATED SHEETS, FIBERGLASS REINFORCED SHEETS (FRP), POLYCARBONATE SHEETS, FRP GUTTERS, FRP LINING, FRP CHEMICAL RESISTANT SHEET, ROOF VENTILATORS, ROOFING AND CLADDING, COLOR COATED METAL ROOFING SHEETS, FRP, PPL AND BARE (ALL PROFILES LIKE TRAPEZOIDAL, KUP, LOCK, STANDING AN, METAL DECKING SHEETS (WITH ACCESSORIES), SAND COATED PROFILES, FRP AND POLYCARBONATE PRODUCTS, FRP RAILWAY MACHINE MADE ROOFING SHEETS, ANY PROFILE & LENGTH (AS PER ISO 12868 CPVTS FOR RAILWAYS), POLYCARBONATE SHEETS COMPACT, EMBOSSED, MULTI WALL, FRP CHEMICAL RESISTANT SHEETS & CHEMICAL LINING, FRP AND METAL CUTTING, FRP FACTORY, AGRI-CULTURE FRP COMPOSITE ENTERTAINMENT, FRP DOORS & FRAMES (AS PER ISO 12868 CPVTS FOR RAILWAYS), PVC DOORS & FRAMES (CPVTS FOR RAILWAYS), FRP INSULATED COMPOSITE PANELS, FRP GRADA (CPVTS RAILWAYS), CEILING AND WINDOW FRAMES VENTILATORS (IN METAL, FRP AND PVC) METAL ROOF VENT LOUVERS-METAL, FRP, PC SCREENS AND SEALANTS INSULATING AIR BUBBLE GLASSING, ROOFING, RE-STRUCTURED AND SHEETS IN PRODUCT.
 Complies with the requirements applicable to it
 The Certification body has performed an audit of the above product quality system covering the design, manufacture and final inspection of the certified product. The quality system has been assessed, approved and is subject to continuous surveillance according to the Directive 2009/125/EC
 This certificate is issued under the following conditions:
 It applies only to the quality system maintained in the manufacture of above referenced models and it does not substitute the design or type-examination procedures, if requested.
 1. The certificate remains valid until the manufacturing conditions or the quality systems are changed.
 2. The certificate validity is conditioned by positive results or surveillance audits.
 3. After fulfilling the relevant EU legislation, the manufacturer shall affix to each device, of the above referenced models.
 4. The CE mark as shown above can be used, under the responsibility of the manufacturer, after completion of an EC Declaration of conformity and compliance with all relevant EC Directives. The statement is based on a single evaluation of one sample of above mentioned product. It does not imply an assessment of the whole production.
Certificate No. US-SKYG-24-088252
 To verify this certificate please visit at www.uscertifications.uk
Date of Certification : 10th JUNE 2024
1st Surveillance Due : 09th JUNE 2025
2nd Surveillance Due : 09th JUNE 2026
Certificate Expiry (Subject to the company maintaining its system To the required standard) : 09th JUNE 2027

 Authorised Signatory
CAB Address : Merry Terrace Woking, London FU21 3EH UK Validity of this certificate is subject to annual surveillance audits to be done successfully This certificate is the property of U.S. Certification and shall be returned immediately on request U.S. Certification is an independent Systems Products and Personal assessment Body, U.S. Certification is accredited by IABCERT.NU

List of Machines

- **Fabrications Machines**
 - **Automatic H-Beam Welding Line (PTW)**
 - **CNC Plasma Cutting Machine**
 - **Radial CNC Drilling Machine**
 - **Magnetic Drilling Machine**
 - **Iron Worker**
 - **Chaser**
 - **Hydraulic Power Press**
 - **Sharing Machine**
 - **Mig Welding Machine**
 - **Arch Weilding Machine**
 - **Sand Blasting/ Copper Blasting Machine**
 - **Air Spray Painting Machine**
- **Roofing and Cladding Machine**
 - **Hi-RIB Roofing Machine**
 - **Standing Seam Machine**
- **Klip-Lok Forming Machine**
- **Standing Seam Forming Machine**
- **Metal Decking Forming Machine**
- **Hi-RIB Roofing and Cladding Crimping Machine (For curved sheets)**
- **Profiled Galvalume Rain Water Pipe**
- **Cold Formed Machine**
 - **Z&C Purlin Machine**
- **Continuous Laminating Fully Automatic FRP Sheet Machine**
- **PUF Insulated Sandwich Panel Machine**

List of Products

- **Pre-engineered Metal Building Systems (PEB)**
- **Roofing and Cladding**
 - **Color-coated metal roofing sheets - PPGI, PPGL, and Bare (All profiles like Trapezoidal, Klip lock, standing seam, etc. with accessories)**
 - **Metal Decking Sheets (with accessories)**
- **Z and C Cold Formed Sections**
- **FRP and Polycarbonate Products**
 - **FRP/ GRP Skylight Machine-Made Roofing Sheets - Any Profile & Length (As per ISO 12866, CPWD, SOR-Railways)**
 - **Polycarbonate Sheets - Compact, Embossed, Multi Wall = Any Profile**
 - **FRP Chemical Resistant Sheets & Chemical Lining**
 - **FRP Rain Water Gutter**
 - **FRP Grating & Cable Tray for Corrosive Environment**
 - **FRP Doors & Frames (IS-14856, CPWD, MES DGMAP, Railways)**
 - **PVC Doors & Frames (CPWD, Railways, MES, DGMAP)**
 - **FRP Chajja (CPWD, Railways)**
- **PUF Insulated Composite Panels**
- **Accessories**
 - **Wind-driven turbo ventilators (In metal, FRP, and PC)**
 - **Metal Ridge Vent**
 - **Louvers - Metal, FRP, PC**
 - **Screws and Sealants**
 - **Insulations - Air Bubble, Glasswool, Rockwool**

Shiv Shakti Fibre Udyog

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