



KSHITIJ GREEN FUELS
PVT LTD

Who We Are

Kshitij Green Fuels Pvt. Ltd. is a biomass pellet manufacturing company supplying high-performance 6 mm wooden biomass pellets to industrial clients across India.

Our pellets are manufactured exclusively from processed wooden sawdust, ensuring consistent quality, stable combustion, and high thermal efficiency. With strict quality control and reliable logistics, we provide a dependable, cost-effective, and sustainable fuel alternative for industrial boilers and pellet-based heating systems.

Pellet Specifications:

Diameter: 6 mm

Gross Calorific Value (GCV): ≥ 4500 kcal/kg

Moisture Content: $< 8\%$

Ash Content: $< 5\%$

Material Used: 100% Wooden Sawdust

Color: Light brown to dark brown

Packaging: 25 kg & 30 kg bags



Fuel Compatibility

Kshitij Green Fuels biomass pellets are designed for seamless use in a wide range of industrial heating systems, including:

- FBC (Fluidized Bed Combustion) boilers
- AFBC (Atmospheric Fluidized Bed Combustion) boilers
- Pellet burners
- Industrial steam boilers

Our 6 mm pellets ensure uniform feeding, stable flame characteristics, and efficient combustion with minimal clinker formation.

Pan-India Supply & Logistics

We offer Pan-India delivery through an efficient logistics network, ensuring timely and reliable supply to industrial clients across multiple states.

Bulk and bagged consignments are dispatched with accurate weighing, consistent quality checks, and dependable turnaround times, helping industries maintain uninterrupted operations.

Why Switch to Biomass Pellets?

- ✓ Eco-Friendly: 100% renewable, carbon-neutral alternative
- ✓ Cost-Effective: Stable pricing, no volatility like fossil fuels
- ✓ Efficient: High calorific value for consistent thermal output
- ✓ Low Residue: Minimal ash content for cleaner operations
- ✓ Industrial-Ready: Compatible with FBC & AFBC boilers and modern pellet burners
- ✓ Consistent Quality: Manufactured from 100% wooden sawdust for predictable combustion
- ✓ Versatile: Ideal for boilers, steam generators, and industrial furnaces

Applications Include:

- Food Processing Units
- Breweries & Distilleries
- Paper & Pulp Industries
- Brick Kilns & Ceramic Plants
- Textile & Dyeing Units



Parameter	Specification
Gross Calorific Value	≥ 4500 kcal/kg
Moisture Content	< 8%
Ash Content	< 5%
Diameter	6 mm
Length	~30 mm
Material Used	Wooden Sawdust
Color	Brown to dark brown
Packaging	25 kg/30 kg bags

Industries We Serve

Hotels & Resorts

Power your hospitality operations with our biomass pellets for efficient space heating, hot water systems, and kitchen steam requirements. Reduce operational costs by up to 40% compared to LPG while maintaining consistent guest comfort.

- Central Heating Systems
- Kitchen Steam Generation
- Hot Water Boilers
- Swimming Pool Heating

Our pellets integrate seamlessly with modern hotel boiler systems, providing 24/7 reliable heat output perfect for guest rooms, lobbies, and service areas.



Healthcare Facilities

Meet the critical heating demands of hospitals and medical centers with our clean-burning pellets. Ensure uninterrupted heating for patient care areas, sterilization processes, and hot water supply with zero compromise on reliability.

- Sterilization Steam
- Hot Water Supply
- Patient Room Heating
- Emergency Backup Systems

Hospitals require consistent, clean energy. Our low-ash pellets ensure minimal maintenance while meeting strict emission standards for healthcare environments.



Industries We Serve

Food Processing

Fuel your food manufacturing operations with our food-grade biomass pellets. Perfect for drying, cooking, pasteurization, and packaging processes while maintaining the highest hygiene standards required in food production.

- Food Drying Systems
- Cooking Processes
- Steam Generation
- Packaging Heat Sealing

Our pellets are certified for food-grade applications, producing clean heat without contamination risks—ideal for dairy, grain processing, and packaged food industries.



Chemical & Pharma


Support your chemical manufacturing processes with our high-calorific biomass pellets. Ideal for reaction heating, distillation columns, and process steam generation while reducing your carbon footprint and operational costs.

- Process Heating
- Reaction Vessels
- Distillation Systems
- Utility Steam

Chemical plants benefit from our consistent heat output and low sulfur content, ensuring process stability and reduced equipment corrosion compared to coal or furnace oil.



Lab Results



TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)

Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory
RSPCB ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OH&S) JDA/UDH

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TEST REPORT


Report No./ULR No. :	140000011	Date :	02-02-2026
Issued To :	M/S Kshitij Green Fuels Pvt Ltd Office No-10, 3rd Floor Anand Plaza, 11-D, New Colony, Gumanpura, Kota. 324007 (Rajasthan).	Type of Unit :	Industry
Type of sample / Discipline :	Fuel / Chemical	Date of Sample Collection/Monitoring :	29-01-2026
Point of Collection :	Biomass Pellets	Date of Receipt :	31-01-2026
Date of Test/Analysis :	31-01-2026 to 02-02-2026	Sampling Plan :	Not Available
Quantity of Sample :	700 gm approximate	Sample Collected By :	By Courier
Unit's representative :	Mr Sanjay Takiyar	Condition of Sample :	Fit for testing

RESULTS


S.No	Parameters	Observed Value	Testing Protocol
1	Moisture [%]	5.91	IS 1350 : 2025 (Part 1)
2	Ash Content [%]	2.70	IS 1350 : 2025 (Part 1)
3	Gross Calorific Value [Cal/gm]	4620	IS 1350 : 2022 (Part 2)
4	Volatile Matter [%]	73.78	IS 1350 : 2025 (Part 1)

Notes :-

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used evidence in the court of law and should not be used in any advertising media without our special permission in writing.
- # The samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified.



Sunil Kumar
Senior Analyst



Rajesh Maheshwa
Authorized Signatory
(Report No: 140000011)

140000011 | Printed on 02 February, 2026 05:25:20 pm
This is computer generated report.

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Each batch is quality-tested to ensure compliance with declared calorific value, moisture, and ash parameters.

Let's Connect

Ready to Fuel the Future With Us?

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📍 Manufacturing Unit: F-43, RIICO Industrial Area,
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