

TORREFACTION TECHNOLOGY

TESTING

Torrefaction industries can greatly benefit from a range of services from GRI. For assessment of biomass feedstock's suitability of torrefaction we can torrefy the feedstock in a range of torrefaction reactors and measure:

- Mass yield
- Energy yield & energy density
- Pelletization capability

To assess the quality of torrefied products we can measure:

- Heating value (LHV and HHV)
- Ignition temperature
- Combustion profiles
- Grindability
- Hydrophobicity
- Crushing strength
- Moisture content
- Ash content
- Volatiles content
- Carbon content and others



TRAINING

Training by way of seminars or tutorials is provided to make developers and operators of torrefaction plants familiar with the science and technology behind the torrefaction process. GRI is a leading researcher in the torrefaction technology. Some of its research serves the community through books and articles in this field. Its knowledgeable and experienced team can deliver the right technical advice to industries, businesses, professionals and consulting firms.

RESEARCH & EXPERT ADVICE

We deliver expert advice on plant design and technology adoption for a specific feedstock. GRI provides an inexpensive alternative to in-house process and product development. GRI endeavors to enhance its client's profitability through advanced research that includes computer simulation of torrefier and bench scale experimental investigation.

For more information, please contact:

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