



Our commitment to innovative solutions for waste management and energy recovery led to the development of INNOFUEL[™], an engineered fuel. This alternative fuel source is manufactured from various non-hazardous industrial and commercial materials that are difficult to recycle and have historically been disposed of in landfills.

By manufacturing this alternative fuel source, we divert large quantities of waste from landfills and provide the following solutions:

- Create an alternative fuel from non-hazardous materials that are left over by consumer by-products and unrecyclables
- Process a high-energy value fuel to meet burner specifications
- Produce an alternative fuel to replace coal and help support a circular economy

FEATURES

INNOFUEL is unique in that it's created from wastes that traditionally hold no value and are sent to landfills for disposal. Specific non-hazardous raw materials include:

- Plastics (No PVC or other halogenated plastics), paper, cardboard, and synthetic fibers from pre-consumer and post-consumer sources. Some examples are:
 - Thin Film Wraps and Bags
 - Flexible Plastics
 - Pressure Sensitive Adhesives
 - Release Liner
 - Laminates
 - Waxy Cardboard
 - Automotive Trim Scrap
 - Foams
 - Healthcare Supplies (Bandages, Wraps, Gauzes, Single-Use Technology Plastics)
- Industrial waste such as sludges, inks, and adhesives

APPROVAL PROCESS

All waste streams received at Innofuel Energy Solutions[™] undergo a pre-approval process, which considers both regulatory and processing characteristics. The qualifying waste streams then undergo further analysis to make sure the final INNOFUEL product meets the burner specifications.

BENEFITS

INNOFUEL contains significantly lower mercury and sulfur than coal which in turn lowers the emissions into the air from smoke stacks. It reduces generator liability through landfill avoidance and recycling and also reduces greenhouse gases and fossil fuel demand.

The key benefits of INNOFUEL to the environment include:

- End of life solutions for difficult to recycle materials
- Lowered key emissions during combustion which lessens the pollution to the air
- Zero landfill disposal of ash after combustion
- Reduced dependence on fossil fuels
- Alternative fuel source
- Recycling
- Cost Effective
- Multiple end-user types

Our mission is to assist customers in meeting sustainability goals while providing a responsible means for reducing the significant amount of plastic waste that impacts the world today.



QUALITY ASSURANCE & CONTROL

Unlike refuse-derived-fuel (RDF) or other alternative fuel sources, **INNOFUEL** is subject to four separate QA/QC steps:

1. Inbound raw materials undergo an extensive approval process (process generation, Material Safety Data Sheet and/or analytical information) to determine non-hazardous status and suitability
2. 100% inbound QA/QC determines compliance as an approved material
3. Computerized system tracks all inbound and outbound materials
4. Confirmatory analysis confirms product quality in regard to end-user specifications

The **INNOFUEL** acceptance and manufacturing process removes contaminants, involves processing of waste and other materials, and has value. Therefore, according to USEPA regulations, **INNOFUEL** is exempt from inclusion as a solid waste and is considered to be an alternative fuel source.

WANT TO LEARN MORE?

Please call or visit our website to find out if your non-hazardous raw material waste could be converted into an alternative fuel source.

Innofuel Energy Solutions

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