

Alternate Solid Fuel

Systech is providing alternate solid fuel (ASF) to several cement kilns. Steps required prior to full approval of a potential ASF stream are: sampling, analysis, a health & safety review, and processing of trial loads to ensure compatibility and manageability.

Using ASF is a safe and efficient way to put byproducts of other industries to good use rather than having them go to waste.

Examples of ASF streams:

- Textiles: cotton, latex, nylon, polyester, rayon, fabric or yarn
- All categories of plastics (1-7)
(although limited on use of # 3, PVC)
- Plastic scrap
- Packaging materials
- Carpet scrap
- Rubber related material
- Tape and labels
- Coated paper
- Synthetic turf
- Packing materials - pallets, cardboard, foam, plastic, strapping, etc.

Streams that are contaminated with any of the following are not suitable due to handling, processing, permit limitations or health and safety issues:

- glass
- free liquids
- bricks/rocks
- fine particles/ powders
- food
- metal
- hazardous waste
- bio-waste

In the U.S.

The following facilities receive a variety of nonhazardous alternate solid fuels:

- **Calera, Alabama**
- **Harleyville, South Carolina**
- **Sugar Creek, Missouri**
- **Davenport, Iowa**

Whitehall, Pennsylvania receives a subset of ASF - plastic-derived fuel (PDF) - which must be composed primarily of plastic based material.

Alpena, Michigan accepts plastic (polyethylene & polypropylene) and wood.

In Canada

Richmond, British Columbia uses clean wood from construction and demolition projects

Kamloops, British Columbia uses non-hazardous oily rags and filters.

Brookfield, Nova Scotia accepts shingles.

In Mexico

Tula, Hidalgo receives solids in containers (drums, Gaylords, etc.) and uses the resulting shredded solids as alternate fuel.

For more information contact:

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or go to our website at www.go2systech.com



lab equipment



rubber



textiles



combinations