

Biothermica International Inc.

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Products/Services

AIR POLLUTION CONTROL
SOLID WASTE

Afterburners
Air Filters, Bags, Boosters
Air Quality Systems
Audits/Assessments
Central Air Handling Systems
Consulting Services:
 Energy Planning
 Engineering
Energy Recovery

Filters
Filter Systems
Incinerators:
 Liquids
 Waste
Odour Control
Pilot Plants For Process Research
Precipitators
Project Management Services

Company/Product

Biothermica International Inc. is a high technology company specializing in environment and engineering. Air pollution control, energy production from biomass wastes, and management of biogases at dumping sites are among the firm's specialties. Founded in 1987, the company consists of a solid, qualified team of about 10 and is controlled and directed by two engineers each of whom possess about 20 years' experience. Biothermica has the internal capabilities to coordinate the mechanical, electrical, and civil aspects of each project and thus provide a functional solution at minimal investment and operating costs.

In 1992, the company developed a unique, exclusive technology for treating organic emissions that pollute and generate odours. This regenerative incineration system, patented in Canada and the USA under the name BIOTOX, is a thermal oxidation process that uses more than 90% of the heat generated by the combustion of volatile and condensable organic compounds and natural gas. The technique makes it possible to effectively destroy these compounds as well as polycyclic aromatic hydrocarbons that can be carcinogenic.

Biothermica International Inc. earned the Energia 92 prize given by the Agence Québécoise pour la Maîtrise de l'Énergie, environment category.

Current Geographic Marketing Activities

Biothermica International Inc. has established two successful regenerative incineration systems: Cascades Joliette Inc., a tar paper plant in Joliette, Quebec and BPCO, an asphalt shingle plant in Lasalle. The company plans to extend this technology to other manufacturing sectors (paint shops, chemical plants, printing) in other countries.

Contact Sought

Biothermica International Inc. wishes to establish contacts and apply new technology in both the private and public sectors. The company offers its services to various industries, including tar paper, printing, rubber and plastic manufacturing, quartering, textiles, mineral products, food products, painting, chemical pastes, etc. Biothermica wishes to establish its technology in Mexico, the USA, France, England, Germany, China, Japan or any other promising country.