



Medical Waste Incinerator Installation

Location: Brampton, Ontario, Canada

Client: Medical Waste Management Inc.

Gryphon Contact: Jim Noordermeer

Project Summary Installation of an incinerator facility consisting of a 1200 lb/hr medical waste incinerator, a state of the art scrubbing system, a heat rejection system, and a 600 kW emergency generator.

Project Services Gryphon initially carried out a preliminary engineering study of the proposed incinerator installation to support the environmental permit application process and to assist in the development of a capital cost estimate for the project.

Gryphon was subsequently engaged to provide the detailed civil/structural, mechanical/process and electrical engineering for the construction of the new incinerator plant. Gryphon's services included the following:

- Budget cost estimate preparation.
- Balance of plant equipment bid specifications, bid reviews, purchase recommendations, and contract administration support.
- Detailed engineering and design of the major structural modifications to the existing building and major equipment foundation design and the plant mechanical, process piping, and electrical systems.
- Construction and installation contracts specifications, bid reviews, award recommendations.
- Site technical supervisory assistance during construction.
- Engineer of record for building permit and construction review.



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