



Henderson Hospital Steam Boiler Plant Replacement

Location: Hamilton, Ontario, Canada

Client: Henderson Hospital

Gryphon Contact: Paul Durkin

Project Summary Installation of a complete new steam plant including three 125 psig package boilers (total 70,000 lb/hr), DCS control system, and all auxiliary systems and services. The boilers are natural gas and light oil fired, with low NOx burner system.

Project Services Gryphon initially carried out a study of the relative merits of upgrading the existing plant, built into the side of the Niagara Escarpment, or building a new steam plant. Based on the results of the study, the client chose to build a new plant.

Gryphon was subsequently engaged to provide project management and engineering services including:

- Detailed engineering and design of the new boilerhouse building and the plant mechanical, electrical and controls systems.
- Construction and installation contracts specifications, bid reviews, award recommendations, and contract administration and coordination.
- Site technical supervisory assistance during construction.
- Start-up and commissioning supervision.
- Engineering and design to support the environmental assessments and permit applications as well as liaison with MOE, Ontario, and preparation of applications for the client.



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