



Ford Windsor 28 MW Steam Turbine Generator Installation

Location: Ford Motor Company Plant, Windsor, Ontario, Canada

Client: Union Gas

Gryphon Contact: Jim Noordermeer

Project Summary Installation of a 28.5 MW extraction condensing steam turbine generator in the existing powerhouse. The unit was mounted on a modified existing foundation and an existing condenser was refurbished to serve the new unit.

Project Services The project was carried out in a joint venture with the installing contractor. Gryphon provided all detailed engineering, design, and procurement engineering for the project, including:

- Steam turbine generator procurement and installation contract coordination.
- Auxiliary systems and equipment procurement and installation contract coordination.
- Modification of existing turbine generator foundation to suit new unit.
- Engineering for the refurbishment of the existing steam condenser.
- Design of piping systems.
- Design of high and medium voltage electrical systems.
- Design of electrical systems protection.
- Design of data acquisition system.



Gryphon International Engineering Services Inc.

80 King Street, Suite 404, St. Catharines, Ontario, Canada L2R 7G1

Phone: (905) 984-8383 Fax: (905) 984-8394

e-mail: gryphon@gryphoneng.com www.gryphoneng.com

1032-0909