

Project 3M Brockville Chiller Plant and Air Compressor Plant Expansion

Location Brockville, Ontario, Canada

Client 3M Canada

Gryphon Contact Paul Durkin

Project Summary Installation of an additional nominal 600 ton centrifugal chiller to the original chilled water plant (also engineered by Gryphon) at the 3M Canada facility in Brockville, which has two (2) centrifugal chillers.

Expansion to the existing compressed air system was also completed. The new compressed air system included an additional high speed centrifugal oil free air compressor and refrigerated air dryer train.

Project Services Gryphon provided the following Services:

- Preparation of project cost estimate.
- Preparation of equipment bid specifications including cooling tower, pumps, air compressor, and balance of plant; bid evaluations; and procurement recommendations.
- Detailed engineering and designs for all installation/modification work for mechanical, civil, electrical, and instrumentation and controls.
- Preparation of detailed construction and installation specification.
- Review of all vendor drawings and documents.
- Monitoring of site installation work and commissioning.



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