

COMPANY PROFILE

The company possesses a wealth of experience and expertise in several engineering and environmental fields. It is also committed to excellence in providing optimum engineering solutions to customers' economical and environmental challenges.

QUALIFICATIONS

The company carries the Certificate of Authorization issued under the Professional Engineers Act to provide professional engineering services to the general public in Ontario, as well as the standard professional liability insurance.

AREA OF EXPERTISE

We offer design and project management of the following mechanical and electrical systems for industrial, commercial, institutional and residential installations:

- ' heating, ventilation, and air conditioning
- ' plumbing
- ' process piping (steam, chemical, fuel, refrigeration, air, etc.)
- ' indoor air quality improvements
- ' controls and automation
- ' electrical power systems
- ' power quality improvements
- ' lighting systems
- ' fire alarm systems
- ' special systems (communication, PA, sound masking, etc.)
- ' energy management

PERSONNEL

The company consists of professional engineers backed by years of consulting engineering and managerial experience supported by skilled design/drafting staff.

OBJECTIVES

We intend to expand our existing base of clients by offering design services to the architects, building owners, and contractors while maintaining high professional standards and performance level of our work.

QUALITY CONTROL

To ensure high quality results we implement specially developed multilevel design review process.

FEES

Because of our low overhead costs, reasonable profit margin, and highly computerized work environment, we are able to offer a very competitive fee schedule.

TADEUSZ (TAD) MADRZYK, P.Eng.

Education: Master of Engineering Science - Warsaw Technical University (1976)
Professional Qualifications Upgrade - University of Western Ontario

Affiliations: PEO Member (Professional Engineers Ontario)
ASHRAE Member (American Society of Heating, Refrigeration and Air Conditioning Engineers)

TYPICAL PROJECTS

London Health Sciences Centre - Various Projects.
London District Christian Secondary School - Addition and Renovation
Fanshawe College - New Buildings "M" and "N" (\$13 Million)
Defence Construction Canada - Various Renovation Projects
Bell Canada - Office Consolidation (200,000 ft²) & Various Renovation Projects
Rogers Cable TV - Primary Hub Upgrade and Office Renovations
Shoppers Drug Mart - Renovations and New Branches
Accuride - Chilled Water Piping Upgrade
Labatt Breweries - Bottleshop Expansion and Various Renovation Projects
London Transit - Indoor Natural Gas Dispensing Facility

EMPLOYMENT HISTORY

Since 1994 **MELEX ENGINEERING LTD., (FORMERLY MC ENGINEERING)**
London, Ontario
PRESIDENT - SENIOR MECHANICAL ENGINEER

Duties and responsibilities included:

- # Project management and design of HVAC, piping, and fire protection systems for industrial, institutional, commercial and residential buildings.
- # Prepare technical specifications and tender documents.
- # Perform inspections, contract administration and payment certification.

1986-1993 **SMYLIE & CROW ASSOCIATES INC., London, Ontario**
ASSOCIATE - SENIOR MECHANICAL DESIGNER

Duties and responsibilities as above.

1983-1984 **CITY OF LONDON, ENGINEERING DEPARTMENT, London, Ontario**

Duties included water quality inspections throughout the City of London.

1977-1981 **P.K.Z. CONSULTING ENGINEERS and PLANNERS, Warsaw, Poland**
SENIOR DESIGN ENGINEER

Duties included planning and designing upgrades to historic buildings.

STEVEN R. GRAFF, P.Eng.

Education: Bachelor of Engineering Science - University of Western Ontario (1985)

Affiliations: PEO Member (Professional Engineers Ontario)

TYPICAL PROJECTS

Fanshawe College - New Buildings "M" and "N" (\$13 Million)
St. Joseph's Secondary School - St. Thomas
Stratford General Hospital - Fire Alarm Upgrade & Various Renovations
University of Western Ontario - Student Residence
Royal Bank Tower Renovations - London
Riverside Library - Windsor
Shoppers Drug Mart - Renovations and New Branches

EMPLOYMENT HISTORY

Since 1998 **MELEX ENGINEERING LTD., London, Ontario**
SENIOR ELECTRICAL ENGINEER - ASSOCIATE

Duties and responsibilities included:

- # Project management and design of power distribution, fire detection, life safety, security, control and communication systems
- # Prepare technical specifications, tender and contract documents.
- # Perform contract administration, construction supervision, final inspections, and payment certification.

1996-1998 **S. R. GRAFF ENGINEERING LTD., London, Ontario**
ELECTRICAL ENGINEER - PRINCIPAL

Duties and responsibilities as above.

1991-1996 **VANDERWESTEN AND RUTHEFORD LTD., London, Ontario**
ELECTRICAL ENGINEER/DESIGNER

Duties and responsibilities as above.

1989-1990 **SMYLIE AND CROW ASSOCIATES INC., London, Ontario**
ELECTRICAL ENGINEER/DESIGNER

Duties and responsibilities as above.

1986-1989 **BACH-SIMPSON LTD., London, Ontario**
BAKER MEDICAL INSTRUMENTATION PRODUCT SPECIALIST

1985-1986 **HEALTH & WELFARE CANADA, HEALTH PROTECTION BRANCH,
Scarborough, Ontario**
MEDICAL DEVICES INSPECTOR