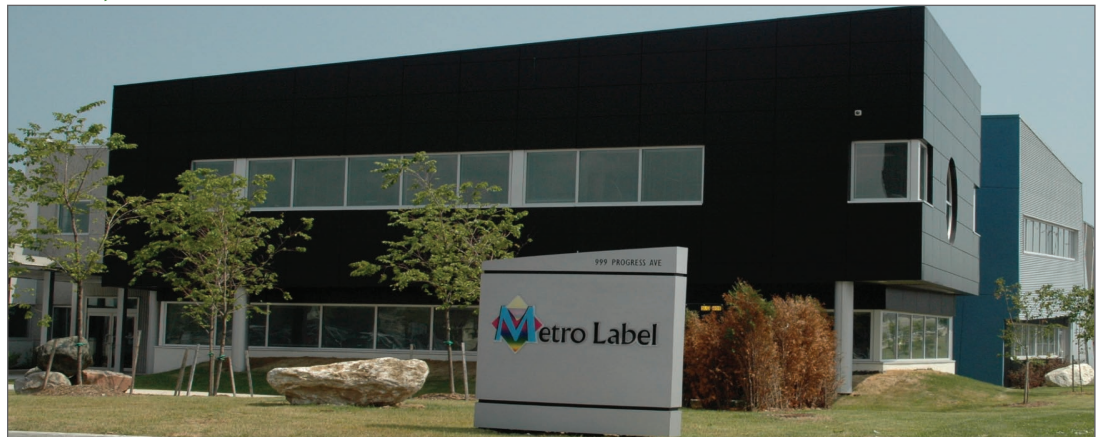




Metro Label Printing Facility

Superior work environment and energy efficiency
Toronto, Ontario



Metro Label Group is a leading manufacturer of pressure-sensitive labels for the food industry. During the design of a new facility, Metro Label set the goal of creating a building designed to improve upon standard construction practices, with particular attention on minimizing the impact of printing processes. Plant emissions from process equipment were dramatically reduced by

a change from solvent-based inks to UW and water-based inks. MERV 13 filters reduce particulate in process exhaust air by about 85%. Estimated annual energy savings are realized through a combination of process (40%) and building (34%) energy efficiencies. The use of a cistern to collect water for use in toilet flushing reduces water use for sewage conveyance by 77%.

Notable Features

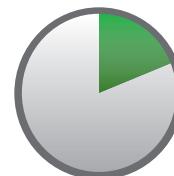
- Rainwater cistern to supply water for toilet flushing
- Low-flow plumbing fixtures, including dual-flush toilets and waterless urinals
- High performance windows
- High-efficiency rooftop mechanical equipment
- Energy recovery on all washroom exhaust air
- High-efficiency hot water heating
- Heat recovery on process exhaust air used to pre-heat ventilation air
- CO₂ sensors control office ventilation
- T8 office lighting with occupancy sensor controls
- HID plant lighting



28%
Energy Savings



64%
Indoor Water Savings



19%
Raw Materials Savings

Owner:
Metro Label Company Ltd

Architect:
Barry-Bryan Associates Ltd

Our Services:

- Sustainable Design Facilitation
- Energy Efficiency Consulting
- LEED® Consulting & Certification
- Building Commissioning

Status:
LEED-NC Certified
Completed 2006

LEED® Project Facts

Gross Floor Area: 12260 (m²)
Energy Density: 136 (kWh/m²)

Category	% Performance
Water Savings	
Irrigation	100 %
Indoor Use	64 %
Energy Savings	
Waste Diversion	54 %
Recycled Content	19 %
Regional Content	37 %

LEED® Certified

