



LEED® Certified



# Our Locations

---



# Metro Label Company Limited

999 Progress Avenue  
Toronto, Ontario  
Canada  
M1B 6J1

Main Tel: 416-292-6600  
Toll Free Tel: 1-800-668-4405

[www.metrolabel.com](http://www.metrolabel.com)

## PRINT TECHNOLOGIES

UV Flexographic  
UV Waterless Offset  
UV Rotary Screen  
Digital Printing  
100% Defect Detection Systems  
UV Letterpress  
Hotfoil Stamping  
Embossing  
100% Digital Prepress Workflow

## INDUSTRY EXPERTISE

Household & Garden	Wine & Spirits
Cosmetics	Health & Beauty
Beverage	Automotive
Meat / Food Processing	Pharmaceutical
Nutraceutical	Retail / Supermarket
Logistics / Distribution	Petrochemical
OEM's	

# Building Highlights

- LEED® Certified
- Site Selection & Construction
- Indoor Environment
- Water Efficiency
- Energy Efficiency
- Recycling Program

# Process Highlights

- Reduction of VOC emitting inks
- Press conversion from Solvent to Waterbase
- Heat Reclaiming
- Clean Plate Making Processes

# LEED® Certified

- May 2005 Metro Label became one of Canada's first LEED® Certified manufacturing facilities
- The LEED® (**L**eadership in **E**nergy and **E**nvironmental **D**esign) Green Building Rating System is a voluntary, consensus-based national standard for developing high-performance, sustainable buildings.

# LEED® Certified cont.

- LEED® provides a complete framework for assessing building performance and meeting sustainability goals. Based on well-founded scientific standards, LEED® emphasizes state of the art strategies for sustainable site development, water savings, energy efficiency, materials selection and indoor environmental quality.
- LEED® recognizes achievements and promotes expertise in green building through a comprehensive system offering project certification, professional accreditation, training and practical resources.

# Site Selection and Construction

- Two bus lines within 400 metres
- Alternative transportation considerations: bicycle racks, showers and changing rooms.
- Greater than 50% of construction waste was diverted from landfill.
- Greater than 20% of building material value comprised of recycled content.
- 36% of the building materials were manufactured locally



# Indoor Environment

- No CFC's or halons used in the HVAC&R system or fire suppression equipment.
- Non-smoking Building
- Carbon Dioxide (CO<sup>2</sup>) monitoring
- Low VOC emitting materials used for interiors
  - Adhesives and Sealants
  - Paints & Coatings
  - Carpets
- Comply with ASHRAE Standard 55-1992 for thermal comfort conditions
- All panel fabrics made from 100% recyclable materials; all substrates made from wheatboard
- Natural lighting and live plants throughout the office

# Water Efficiency

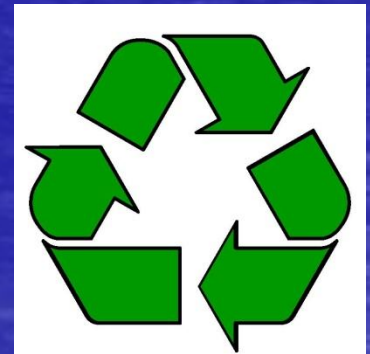
- Landscape Irrigation: Reduced potable water consumption by providing no permanent irrigation system.
- Collection of rain water for cistern use.
- Innovative Wastewater Technologies: Reduction of potable water for sewage conveyance by 50% through the use of dual-flush toilets, waterless urinals and use of cistern water for sewage conveyance.
- Automatic controls on faucets and use of ultra-low flow faucets and showerheads.

# Energy Efficiency

- Natural light in the office and plant
- Occupancy and daylight sensors on interior lighting, using low wattage fixtures
- Press exhaust captured, filtered and reused to heat the building

# Recycling Program

- Recycling of Plastic, Glass, Paper and Cans
- Press wash-up rags sent off-site for solvent reclaiming, cleaning and reuse.
- Fluorescent bulbs returned for mercury recovery
- Silver recovery from film used in plate making process



# Volatile Organic Compound (VOC) Reduction

- Metro Label is reducing smog precursors through reduction of VOC's
- Water based presses converted to UV, which has significantly reduced VOC emissions.
- Use of waterless offset technology as an alternative to conventional offset presses. Waterless technology eliminates the use of solvents associated with the offset process.
- Gravure press converted from Solvent based inks to water base ink system during installation, to avoid introducing a VOC emitting process to the facility.

# Clean Plate Making Process

- Solvent based plate making process replaced by a digital imager and thermal developing unit.

# Heat Reclaiming

- Process exhaust air is filtered by MERV 13 filters to reduce particulate emissions. These filters result in a reduction of particulate exhausted to the outdoors by 85%.
- Filtered exhaust is used to heat the building in winter, further reducing energy costs.
- MERV 13 filters are also installed in all mechanical equipment to clean in-coming air.

# Future Developments

Developing ISO 14001 Environmental Management System to ensure a holistic approach to address Environmental Aspects and Impacts with the goal of reducing our Environmental footprint.