



Environmental Policy

Responsible environmental management is an integral part of RP Graphics' core business values. RP Graphics has established controls and programs to safeguard the environment and maintain compliance with all relevant legal requirements. We ensure that wastes are properly disposed of in an environmentally sound manner and that recycling is always our preferred choice. RP Graphics is committed to continually improve its environmental performance, the prevention of pollution and the conservation of natural resources.

RP Graphics Group Processes

Printing Methods

RP Graphics Group Limited utilizes both conventional (alcohol free) and UV ink sheetfed lithographic printing presses. RP Graphics is also capable of black laser, colour digital (data driven) and inkjet printing.

Utilizing the revolutionary H-UV printing system by Komori, RP Graphics Group builds on its environmental leadership position in the market. The H-UV printing system uses 75% less power than other UV systems and generates zero VOCs. No ozone or other pollution generating chemicals are produced using H-UV.

Printing Ink Content

Our conventional inks are vegetable oil based (alcohol free) and our coating products are water based. Our UV inks dry without any solvent evaporation which eliminates smog producing chemicals from the printing process.

Printing Chemical Wastes

While RP Graphics has reduced chemical use in the print process where possible, some chemicals are still required for clean up. RP Graphics utilizes an approved hazardous waste management company to remove any remaining process waste. The waste is disposed of through an Environmental Control System by a licensed hazardous waste disposal company.

All of our blanket-wash and fountain solutions have a low Volatile Organic Compound (VOC) level of 5% or less.

Printing Plate Processing Solution Wastes

Our printing plate developer process uses water based chemicals that are treated before removal from our facility. Any waste water generated by RP Graphics is monitored and treated on-site and approved for disposal by our local Regional Authority.

Recycling

Paper

Waste paper from all RP Graphics processes is collected, sorted and resold to recyclers who redirect for reuse to make new paper or other paper products. It takes 19 trees to manufacture 2,200 pounds (one metric ton) of paper and approximately 90 cubic feet of landfill space to dispose of this paper.

In 2011 RP Graphics diverted 331 metric tones of paper and 60 tons of cardboard from landfill. This waste recycled by RP Graphics Group allowed for the preservation of 7429 trees and the saving of 35,000 cubic feet of landfill space.

Printing Plates

RP Graphics collects and resells 100% of its waste printing plates to recyclers of aluminum products.

Office Waste

Confidential documents and printing waste containing personal information (PIPEDA) are collected and shredded by a third party company who in turn sends the shredded product to paper recyclers.

RP Graphics has also implemented a "blue box" recycling program for all office paper waste.

General

RP Graphics utilizes state-of-the-art equipment manufactured to today's codes for environmental, health and safety management. The responsibilities of RP Graphics' Director of Operations - Print include environmental, health and safety compliance to local, provincial and federal requirements.

RP Graphics is committed to environmental solutions. Our FSC Chain-of-Custody Certification RA-COC-002317 ensures that the supply chain and the forestry source of FSC® certified papers are certified and audited for responsible forest management. Products printed on FSC® papers are eligible to use FSC® logos.

RP Graphics is an active member of the Ontario Printing & Imaging Association (OPIA). Participation in this association allows RP Graphics to remain current on new and developing legislation targeting environmental and health and safety legislation.

Direct Mail is one of RP Graphics' fastest growing product and service offering with RP Graphics already positioned as a leading Canadian supplier to the direct marketing industry. By virtue of this targeted approach to marketing, advertising is printed and directed to specific demographics rather than blanketing the market with a mass market campaign. Therefore, direct marketing is a win/win solution for marketers and the environment since response to campaigns is significantly higher and volumes of advertising produced is reduced because the "shotgun" mass marketing approach is not employed.

RP Graphics also operated several print-on-demand web portals and manufactures stationery and training material in a just-in-time process to eliminate waste and production run size. The development of these web portals is part of RP Graphics' commitment to reduce its carbon footprint by combining both the optimization of its production process and the reduction of its clients overall print needs. RP GRAPHICS also operated several print-on-demand web portals and manufactures stationary and training material in a just-in-time process to eliminate waste and production run size. The development of these web portals is part of RP GRAPHICS' commitment to reduce its carbon footprint by combining both the optimization of its production process and the reduction of its clients overall print needs.

