

Process Mapping Tool

Inputs:

Energy
Image Carrier Materials (plates, mesh, tape)
Proofing Materials (substrate and inks)
Pre-Press Chemicals
Shop Towels/Wipes
Containers
Water



Pre-Press



Outputs:

VOC/HAP Emissions
Waste Chemicals
Used Shop Towels/Wipes
Solid Waste Materials (empty containers,
image carriers and proofs, etc.)Waste
Electronics
Waste Water

Inputs:

Energy
Inks and Coatings
Substrates
Shop Towels/Wipes
Containers
Adhesives
Fountain Solution and Additives (litho only)
Cleaning Solutions (solvents and other cleaners)
Water



Production Operations



Outputs:

VOC /HAP Emissions
Waste Ink and Coatings
Waste Product
Waste Chemicals
Used Proofing Substrate
Production Substrate Waste
Used Shop Towels/Wipes
Other Solid Waste (empty containers, etc.)
Spent Solvents and Other Cleaning Solutions
GHG Emissions
Waste Water

Inputs:

Energy
Finishing Materials
Finishing Chemicals (inks, adhesives, coatings, etc.)
Screen Reclamation Chemistries
Shop Towels/Wipes
Water



Post Press/Finishing



Outputs:

VOC/HAP Emissions
Spent Finishing Materials
Spent Chemicals
Trimmings (Substrate)
Used Shop Towels/Wipes
Other Solid Waste
Waste Water

Inputs:

Energy	Parts Washer Solvent
Water	Maintenance Chemicals
Shrink Wrap	Cleaning Materials
Boxes	Landscaping Activities
Shipping/Receiving Materials	Cafeteria Activities
Transportation Activities (fleet, third party, employees)	

Building Operations
Shipping/Receiving

Outputs:

- Broken/Empty Containers (aerosol cans, etc.)
- Packaging and Other Solid Waste
- Used Parts Washer Solvent and Other Cleaning Solutions
- Used Pesticides
- Used Oil and Coolant
- Other Chemical Waste
- Used Light Bulbs
- Used Batteries
- Food and Food Packaging Waste
- Transportation Emissions
- GHG Emissions
- Waste Water