

ALLIED PRINTING SERVICES, INC.

**CORPORATE RESPONSIBILITY AND
ENVIRONMENTAL MANAGEMENT PROGRAM**

®



Revised March, 2012

1. Allied's Corporate Responsibility

Allied Printing Services, Inc.'s (Allied's) corporate responsibility efforts are aligned with our strategic business plan and integral to all our relationships with employees, customers and communities. Allied's Code of Conduct is in compliance with the Electronic Industry Code of Conduct. Allied complies with the Labor, Health and Safety, Environmental, Management System, and Ethics standards of the Electric Industry Code of Conduct.

Allied's Corporate Responsibility and Environmental Management Program is administrated and managed by its President, Senior Vice Presidents, and Vice Presidents according to its ISO 9001 Quality Management System.

We are committed to upholding the human rights of workers and to treat them with dignity and respect. We recognize that in addition to minimizing the incidence of work-related injuries and illnesses, a safe and health work environment enhances the quality of our printing services. Allied's SVP Customer Relations and Corporate Counsel has specific responsibility to ensure compliance with all applicable federal, state, and local laws and regulations.

Allied recognizes that environmental responsibility is integral to world class services and products. We are committed to being a positive and creative force in the protection and enhancement of the local and global environment. Allied's Vice President of Operations has specific responsibility to ensure compliance with the environmental laws and regulations related to the Company.

The fundamental principal of Allied's environmental policy is to minimize any negative impact to the environment while conserving natural resources. Using education and administrative controls, we continuously assess our processes and practices to identify areas for reduction in energy, waste and emissions.

Allied will take all reasonable measures to meet the following targets:

- *Minimization of generated waste through reduction, reuse and recycling*
- *Efficient use of energy through management controls and routine practices*
- *Efficient use and conservation of water through management controls and routine practices*
- *Minimize and, where possible, eliminate noise and odor pollution*
- *Minimize, substitute and, where possible, eliminate the use of hazardous chemicals in processes and operations*
- *Comply with all applicable federal, state and local laws and regulations*

We follow the ISO 1401 Environmental Management Principals. Allied is a Small Quantity Generator of hazardous waste and follows the Connecticut Department of Environmental Protection's requirements applicable:

- *To perform and maintain waste determinations*
- *To only store waste on-site for less than 180 days*
- *To only accumulate less than 2,200 lbs (1,000) kg of waste on-site at any one time*
- *To comply with preparedness and prevention procedures*
- *To post emergency contact information next to the telephone*
- *To develop and maintain a written inspection program*

- *To obtain an EPA Identification Number*
- *To train your personnel*
- *To manifest your waste using the uniform hazardous waste manifest*
- *To comply with Department of Transportation rules*
- *To “close” your hazardous waste storage area in accordance with the regulations if you discontinue its use*
- *To certify on manifests that a good faith effort has been made to minimize hazardous waste generation*
- *To either comply with Universal Waste rules or manage the waste as hazardous*
- *To comply with Used Oil requirements*

To meet our social responsibilities, we uphold the highest standards of ethics including standards of fair business, advertising and competition. Appropriate means are taken to safeguard customer information and programs are in place to ensure the confidentiality and protection of customers and employees.

Allied is in compliance with all related contractual requirement of its clients/customers.

2. Allied’s Environmental Management System

Allied is committed to being a positive and creative force in the protection and enhancement of the environment. Allied provides a safe and healthful workplace, protects the environment while conserving natural resources.

Allied follows the Greenhouse Gas Protocol, an internationally recognized greenhouse gas accounting standard. Under the Protocol, greenhouse gas emissions (GHG) are classified in one of these Scopes:

Scope 1 – Direct GHG emissions occur from sources that are owned or controlled by the company, for example, emissions from combustion in owned and controlled boilers, furnaces, vehicles, etc.

Scope 2 – Scope 2 accounts for GHG emissions from the generation of purchases electricity consumed by the company.

Scope 3 – Scope 3 is an optional reporting category that allows for the treatment of all other indirect emissions. Scope 3 emissions are a consequence of the activities of the company, but occur from sources not owned or controlled by the company. Some examples of Scope 3 are annual volume of waste sent to landfills, metals and paper recycling.

3. Allied’s Scope 1, 2 and 3 Greenhouse Gas Emissions

Allied’s greenhouse gas footprints are based on the best practice carbon reporting standards of the Greenhouse Gas Protocol, developed out of a joint partnership between the World Resources Institute and the World Business Council for Sustainable Development. The Greenhouse Gas Protocol serves as the foundation for nearly every GHG standard and program in the world.

Allied monitors and measures its environmental performance and has established voluntary environmental numeric goals to track and improve upon its environmental performance.

<u>Scope 1 – Direct Emissions</u>	Per million impressions			
	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>
Natural gas	baseline			
• Greenhouse gas emissions (MTCO ₂ Eq)	3.45	3.09	3.02	3.12
Gasoline/Company Vehicles				
• Greenhouse gas emissions (MTCO ₂ Eq)	0.43	0.27	0.25	0.26
Propane				
• Greenhouse gas emissions (MTCO ₂ Eq)	0.13	0.13	0.11	0.11
Total Greenhouse Gas Emissions Direct emissions (MTCO₂Eq)	4.01	3.49	3.38	3.49

Allied has a number of strategies to reduce emissions from onsite fuel combustion:

- *Avoid unnecessary heat, where possible*
- *Conduct an inventory of potential sources of heat loss*
- *Improve the efficiency of systems*
- *Investigate hybrid vehicle options*
- *Investigate renewables fuel options*

<u>Scope 2 – Electricity Purchases</u>	Per million impressions			
	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>
Electricity	baseline			
Total Greenhouse Gas Emissions (MTCO₂Eq) from purchased electricity less electricity from renewable power (20% via renewable energy certificates)	11.69	10.34	9.87	12.06

Allied's strategies to reduce emissions from electricity consumption include:

- *Switching to fluorescent alternatives*
- *Light-emitting diode (LED) lighting*
- *Task lighting*
- *Programmable lights and occupancy sensors*
- *Use of natural light*
- *Energy efficient equipment*
- *Reduce phantom load*

Scope 3 – Waste Emissions	Per million impressions			
	2008	2009	2010	2011
Landfill	baseline			
• Greenhouse gas emissions (MTCO ₂ Eq)	1.09	0.92	1.01	0.82
Recycled Paper				
• Emission savings associated with paper recycling (MTCO ₂ Eq)*	(47.53)	(46.82)	(46.7)	(51.28)
Recycled Aluminum				
• Emission savings associated with Al recycling (MTCO ₂ Eq)*	(2.46)	(1.2)	(1.2)	(1.3)
Total Greenhouse Gas Emissions from Waste/Recycling (MTCO₂Eq)	(48.9)	(42.1)	(46.9)	(51.76)

* Recycling rather than landfill based on a life-cycle assessment from EPA’s Waste Reduction Model

Allied’s strategies to reduce emissions from waste include:

- *Reduce office paper use*
- *Encourage recycling*

4. Total MTCO₂Eq Footprint	Per million impressions			
	2008	2009	2010	2011
	baseline			
Scope 1 – Direct Emissions (MTCO₂Eq)	4.01	3.49	3.38	3.49
Scope 2 – Electricity Purchased (MTCO₂Eq)	11.69	10.54	9.87	12.06
Total Scope 1 & 2	15.70	14.03	13.25	15.55
Scope 3 – Waste/Recycling	(48.9)	(47.1)	(46.9)	(51.76)
Total Net Co₂Eq in metric tons with savings	(33.2)	(33.07)	(33.7)	(36.21)

5. Results of Co₂Eq Emissions

Allied has long term goals for reducing/offsetting greenhouse gas emission. The overall goal is a 15% reduction in greenhouse gas emission by 2020 from its baseline 2008 Scope 1, 2 & 3 emissions.

Results
MTC02 Eq per million impression

	2008	2011	
Scope 1	4.01	3.49	(12.9%)
Scope 2	11.69	12.06	3.16%
Scope 3	(48.9)	(51.76)	(5.8%)
Total Net Savings	(33.2)	(36.21)	(9.1%)

Allied has achieved a 9.1% reduction over the 2008 baseline.

6. Water Usage

	Per million impressions			
	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>
Total water usage (hcf)	1,597	1,080	1,052	1,172

Allied's strategies to reduce water usage include:

- *Efficient equipment*
- *Recycling waste water*

Allied has achieved a 35% reduction in water usage. This is primarily a result of reuse of Allied's chemicals to clean its printing blankets.

7. Environmental Training

Allied's environmental training is commensurate with employee's job responsibilities. Allied ensures that its employees have appropriate and current knowledge of applicable and legal and Allied's requirements including the company's Corporate Responsibility and Environmental Policy and objectives.

8. Compliance

	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>
Number of environmental non-compliances	0	0	0	0
Number of fines	0	0	0	0

9. Internal Audit and Management Review

Audits and self assessments of our Corporate Responsibility and Environmental Management Program are reviewed as part of Allied's ISO 9001 Management Review to determine if the program is effective and capable of achieving Allied's environmental objectives and targets.

10. Suppliers

Allied will cascade the environmental responsibilities to its suppliers.