



POLLUTION PREVENTION SERVICES

**Working together to achieve
economic and environmental results**

www.iowap2services.com



Pollution Prevention Services

- Confidential
- Non-regulatory



Client Base

- Business & Industry
- Institutions
- Government Agencies
- Toxic Release Inventory Reporters
- RCRA Large Quantity Generators
- Large Utility Users



Services Offered

Assistance focused on our client's needs

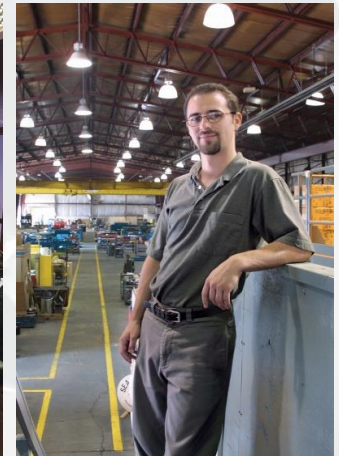
- Assessments
 - Opportunity or Focused
 - Energy
 - Compressor Utilization
 - Boilers & Steam
 - HVAC Efficiency
 - Lighting Effectiveness
 - Water
 - Water use
 - Wastewater
 - Waste
 - Hazardous waste
 - Solid waste

Pollution Prevention Intern Program

EMS Assistance

Workshops and Training

P2 Resource Library



Implemented Measurable Results

- Since 2001:
- **\$84.4 million** implemented
- 3.76 billion gallons water
- 230K tons solid/special waste
- 8,645 tons hazardous waste
- 42,817 mercury abated
- 390.7 million kWh
- 10.56 million therms



What is Pollution Prevention?

The reduction or elimination of wastes at the source (**source reduction**) instead of at the end-of-the pipe or stack.



Benefits of Pollution Prevention

- Reduces liabilities and risks – disposal and workforce
- Reduces costs
- Assists in meeting environmental regulatory requirements
- Environmental improvement also means *financial savings*
- Improved image



Typical P2 Projects

- Wastewater
- Water conservation
- Energy Conservation
- Air compressors, Boilers and steam, HVAC, lighting...
- Renewable energy
- Chemical reduction / reuse
- Environmental Management Systems
- Solid waste
- Special waste
- ...and many more

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P2 Intern Project Index

2001-2016 Pollution Prevention Intern Project Index

Client	Alternative Energy Sources	Boiler Efficiency	Compressed Air Efficiency	Emission Reductions	Energy Savings	Heat Recovery	HVAC Efficiency	Refrigeration System	Lighting	Hazardous Waste Reduction	Waste Disposal Reduction	Water Reduction	Water Treatment	Process Improvements	Organics Waste Management
3M Knoxville			2009		2008 2009 2011	2008	2011			2012	2012				
Acument Global Technologies (formerly Textron & Infastech™, now Stanley Engineered Fastening)					2007 2008 2009	2008					2009	2007 2008		2009	
Advanced Brands, L.L.C.												2003	2003	2003	
Ag Bio-Power, LC											2005			2005	
Alcan Packaging			2006		2006						2006				
Alcoa, Inc				2007							2003 2007 2016			2001 2016	
Allen Memorial Hospital					2009					2009	2009	2009		2009	
Alliant Energy				2002 2003										2002 2003	
Amana (Maytag Refrigeration)													2004	2004	
American Ordinance, LLC			2004								2002				

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