

Environmental Management System



The Challenge

Cascade Engineering's customers were requiring third party certification to the global ISO 14001 standard. Being reactive and adhering to regulatory requirements was not enough; stakeholders were looking for organizations to be proactive in their interaction with the environment. Organizations were now understanding that environmental responsibility was part of doing business.

The Solution

A formal environmental management system was created to systematically manage the organization's environmental impact. Management integrated environmental indicators by setting environmental goals and objectives into their periodic review systems. All employees were educated on how their individual contribution could result in negative or positive environmental impacts. Environmental responsibility was integrated into the company business operating system.

The Results

Formal environmental programs that included:

- Significant reduction of waste to landfill
- Focus on reduction of scrap created
- Social focus on community environmental responsibility
- Creation of a neighborhood recycling center
- Evaluation of our carbon footprint



Environmental and Safety	2003	2004	2005	2006	2007
Incident Rate	7.6	5.7	5.7	3.2	4.7
Lost/Restricted Workday Rate	4.2	2.5	2.6	1.2	2.8
Citations/Fines	0/\$0	2/\$500	0/\$0	0/\$0	0/\$0
Water Consumption (Cubic Feet in Millions)	2.6	2.5	2.4	2.0	2.0
Sales Dollars per Kilowatt Hour	\$2.98	\$3.28	\$3.26	\$3.37	\$2.87
Greenhouse Gas Emissions (Metric Tons of CO2 Equivalent in Thousands)	-	-	57.4	50.3	45.5
Landfill Costs	\$181,306	\$140,750	\$96,113	\$52,260	\$26,372
Use of Post-Consumer and Industrial Recycled Material (Pounds in Millions)	7.5	9.3	7.9	7.6	5.5



Helping organizations become an employer of choice through sustainable solutions

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