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Utah Department of Environmental Quality
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1-800-458-0145

Annual Report

For the period of 2011

Hexcel Corporation
Facility Name

5400 South, 6800 West WVC Utah
Facility Street Address *City* *Zip*

Project Status

On a separate sheet, summarize:

- your Clean Utah project commitments and accomplishments made to date,
- major indicators of environmental improvements (measurable ways that you are determining the environment is improving as the result of steps you are taking),
- public participation activities you have undertaken, and
- your project plans for next year, as they relate to this program.

Certification Statement

(to be signed by the senior facility manager)

I certify that the information outlined in the attached annual report is correct and that this facility continues to meet all program criteria and has an active EMS, as defined by the Clean Utah program. I further certify that this facility has conducted periodic assessments of compliance with legal requirements, has corrected all identified instances of noncompliance, and is currently in compliance with all applicable federal, state, and local environmental rules and regulations.

Gene Barton
Signed

3-22-2012
Date

Gene Barton
Print Name

Central Site Manager
Title

Hexcel Corporation

2011 Environmental Improvement Project Results

Project #1: Design process equipment for Fiber Lines 11 and 12 in order to significantly reduce electrical energy usage

Measurements:

Equipment Installation	Energy Savings KWh/yr.	Cost Savings \$/yr.	Comments
Supply Fan VFDs	421,800	11,295	
HOAR Cycle Control	580,200	23,773	
Evaporative Cooling	355,300	36,769	
Oxidation Oven VFDs	1,634,300	68,885	
Motors	130,800	7,533	
Lighting	281,276	11,881	
<u>Exhaust Fan VFDs</u>	<u>151,500</u>	<u>4,057</u>	
Total	3,555,176	140,722	

Benefit to the environment for year:

- 1.) 3,555,176 KWH reduced electrical usage per year

Annual greenhouse gas emissions from $\sqrt{481}$ passenger vehicles [?](#) ([click to read more about this calculation](#))

CO₂ emissions from $\sqrt{274,831}$ gallons of gasoline consumed [?](#)

CO₂ emissions from $\sqrt{5,701}$ barrels of oil consumed [?](#)

CO₂ emissions from $\sqrt{32.3}$ tanker trucks' worth of gasoline [?](#)

CO₂ emissions from the *electricity* use of $\sqrt{306}$ homes for one year [?](#)

CO₂ emissions from the *energy* use of $\sqrt{212}$ homes for one year [?](#)

Carbon sequestered by $\sqrt{62,859}$ tree seedlings grown for 10 years [?](#)

Carbon sequestered annually by $\sqrt{523}$ acres of pine or fir forests [?](#)

Carbon sequestered annually by $\overline{24.3}$ acres of forest preserved from deforestation ?

CO₂ emissions from $\overline{102,145}$ propane cylinders used for home barbeques ?

CO₂ emissions from burning $\overline{13.3}$ railcars' worth of coal ?

Greenhouse gas emissions avoided by recycling $\overline{854}$ tons of waste instead of sending it to the landfill ?

Annual CO₂ emissions of $\overline{0.0006}$ coal fired power plants ?

Benefit or savings for company:

- 1.) See Column 3 in above table

Hexcel Corporation

2011 Environmental Improvement Project Results

Project # 2: Recycle 5.0 Million Pounds of Materials

Measurements:

2010 Actual	2011 Actual
3.7 Million Pounds	4.9 Million Pounds (increased recycled materials by 1.2 million pounds over 2010)

Project Status:

The materials recycled were:

Pallets
Metals
Paper
Reused Drums
Plastic and Poly
Electronic Equipment
Cardboard
Office Paper
Carbon Fiber
Packaging Materials Reuse
Solvents
Miscellaneous

Benefit or savings for company:

- 1.) Estimated savings of \$300K to \$400K per year.

Benefit to the environment for year:

Total Change in GHG Emissions (MTCO₂E): (9,118)

This is equivalent to...	
Removing annual emissions from	1,670 Passenger Vehicles
Conserving	1,035,008 Gallons of Gasoline
Conserving	3,799,344 Cylinders of Propane Used for Home Barbeques
Conserving	48 Railway Cars of Coal
	0.00048% Annual CO ₂ emissions from the U.S. transportation sector
	0.00038% Annual CO ₂ emissions from the U.S. electricity sector
