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## Annual Report

For the period of 2010

Firestone Building Products Co.  
Facility Name

3790 Great Lakes Drive West Valley, UT 84120  
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.

Michael A. McCrea  
Signed

02/03/2011  
Date

Michael A. McCrea  
Print Name

Plant Manager  
Title

## Firestone Building Products

### Environmental Improvement Project Results

**Project #1:** Increase the amount of dust brick recycling over 2009 levels.

**Measurements:**

	(2006)	(2007)	(2008)	(2009)	(2010)	Performance Goal (2011)	Units
<b>Actual Total Nonhazardous Dust Brick Waste Generation</b>	133.75	154.42	152.08	91.94	77.93		<b>Tons</b>
<b>Total Nonhazardous Dust Brick Waste Recycled</b>	0.0	0.0	13.65	12.43	71.73	95%	<b>Tons</b>
<b>Current Year Board Feet of Production = 73,476,119</b>							

Dust brick generation is by far the largest nonhazardous waste generation item at this location. Historically dust bricks have been disposed of in a landfill. In order to reduce our environmental footprint it has been desirable to find an alternate use for the dust bricks and reduce or eliminate placing them in a landfill. Results from targeted goal for 2010 to increase recycling/incineration of dust bricks were very successful. 143,461 lbs. (71.7 tons) of dust brick waste was recycled during 2010 as compared to 24,860 lbs. (12.4 tons) during 2009. As a percent 92.0% of dust bricks generated were recycled during 2010 versus 13.5% of dust bricks generated in 2009.

**Benefit to the environment for the year:** *Recycling of 71.7 tons of dust bricks that would have otherwise gone into the land-fill. In addition to recycling of dust bricks, this facility recycled 40,564 lbs. (20.2 tons) of cardboard, plastic, wood pallets, metal, and facer/bag cores. Total recycling for 2010 was 184,025 lbs. (92.0 tons). This compares with 62,499 lbs. (31.2 tons) recycled in 2009. This represents a 295% increase in recycling for 2010.*

**Benefit or savings to the company:** *The Company's effort toward reduction of our environmental foot-print does not result in a cost savings, but rather additional costs to the company. The benefit comes purely from the knowledge we are reducing the footprint to our environment and to our children's future. Efforts to increase recycling of waste streams are on-going.*

**Target Goal for 2011:** Increase recycling of dust bricks to 95% of generation.

**Project #2:** Reduce use of hazardous chemicals used in manufacturing process.**Measurements:**

	Baseline (2005)	Year 1 (2006)	Year 2 (2007)	Year 3 (2008)	Year 4 (2009)	Year 5 (2010)	Units
Actual Quantity (per year)	16,628,688	16,338,285	18,889,161	19,723,203	12,536,632	10,673,007	Pounds
Normalizing Factor	1.0	1.05	1.15	1.22	0.77	0.64	Pounds
Normalized Quantity (per year)	16,628,688	15,560,271	16,425,357	16,166,560	16,281,340	16,676,573	Pounds
Basis for Normalizing Factor	Board Feet of Production Baseline Board Feet of Production = 111,474,310 Current Year Board Feet of Production = 73,476,119						

Activities related to this commitment or, if relevant, any circumstances that delayed progress this year: *For 2010 we were not successful in reducing the amount of raw chemicals consumed per unit produced. Decreased (down 11% from 2009) volume was manufactured during 2010 and a more difficult product mix had a negative affect on our ability to reduce chemical usage per unit produced. The reduced volumes and difficult product mix were due to low sales, which negatively affected our efficiencies and ability to conserve chemical usage.*

Benefit to the environment for the year: *Since there was no conservation of chemicals during 2010, there was no real benefit to the environment for the year. However, lower volumes produced, resulting in less chemical consumption, could be construed as a benefit to the environment by way of the reduced consumption of natural resources.*

Benefit or savings to the company: *No benefit to the company was realized during 2010 from chemical conservation efforts due to economic downturn.*

Target Goal for 2011: *0.2% reduction in the usage of chemicals per unit manufactured. The positive news is this facility has installed process control equipment that should result in significantly reduced chemical usage per unit produced during 2011. This equipment install represents a major capital investment by the company to improve the manufacturing process and should make it much more efficient at conservation of chemicals.*

**Project #3:** Bi-Level Lighting Upgrade

**Activities related to this commitment or, if relevant, any circumstances that delayed progress this year:** *In order to improve both the lighting foot candle level and the efficiency of the lighting system at the Salt Lake City facility, we propose a lighting system upgrade to a more efficient Bi-Level motion controlled lighting system.*

**Benefit to the environment for the year:** *Implementation of this project during the 1<sup>st</sup> quarter of 2010 will save 490,000 kWh of electrical power and a reduction of 328 tons of CO2 reduction on an annual basis.*

**Benefit or savings to the company:** *Implementation of this project is projected to save the company \$32,156 dollars annually.*

**Target Goal for 2010:** *Implementation of this project during the 1<sup>st</sup> quarter and a reduction of 328 tons of CO2 based upon power savings of 490,000 kWh.*

**Results:** *Bi-Level motion controlled lighting system was installed during the month of January 2010. All metal halide fixtures in the manufacturing and warehouse area were replaced with the high efficiency bi-level motion controlled fixtures and remain in use.*