

# HES LEED® 2009 Certification Contribution



HES moved to their new LEED Silver facility in Phoenix, Arizona in the summer of 2011.

*“The Leadership in Energy and Environmental Design (LEED) Green Building Rating System™ is the nationally accepted benchmark for the design, construction, and operation of high performance green buildings. LEED promotes a whole-building approach to sustainability by recognizing performance in seven key areas of human and environmental health: sustainable sites, water efficiency, energy and atmosphere, materials and resources, indoor environmental quality, innovation in design and regional priority credits.”*

Hanchett Entry Systems, Inc. (HES) is committed to being the leading provider of innovative electromechanical locking solutions and support, creating safety, security and peace of mind for our customers, while providing an environment that enables employees to contribute and fulfill their potential.

At HES, we're constantly striving to optimize our manufacturing and process efficiency. With regular Kaizen workshops to jump start change and ongoing training to sustain improvements, HES continues to reduce waste, speed production and improve quality.

HES can help to achieve prerequisites and accumulate points in the following categories and credit areas of LEED. For further information, please call 800-582-4626 or refer to our website [www.hesinnovations.com](http://www.hesinnovations.com) or [www.assaabloydss.com/sustainability](http://www.assaabloydss.com/sustainability)



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## Indoor Environmental Quality (IEQ)

### IEQ Credit 4.1 & 4.2

Low-Emitting Materials -  
Adhesives & Sealants,  
Paints & Coatings  
**NCCSSCIHCR**

Reduce the quantity of indoor air contaminants that are odorous, irritating and/or harmful to the comfort and well-being of installers and occupants. **This credit only applies to materials applied within the weatherproofing system. HES products should have no impact on LEED projects achieving this credit.**

**NC:** New Construction   **CS:** Core and Shell   **S:** Schools   **CI:** Commercial Interiors  
**EBOM:** Existing Building Operations & Maintenance   **HC:** Healthcare   **R:** Retail



ASSA ABLOY, the global leader  
in door opening solutions

# Materials & Resources (MR)

**MR Credit 4**  
Recycled Content  
**NC CS S CI HCR**

Increase demand for building products that incorporate recycled content materials, thereby reducing impacts resulting from extraction and processing of virgin materials. Use materials with recycled content such that the sum of post-consumer recycled content plus 1/2 of the pre-consumer content constitutes at least 10% or 20%, based on cost, of the total value of the materials in the project. The recycled content value of a material assembly is determined by weight. The recycled fraction of the assembly is then multiplied by the cost of assembly to determine the recycled content value. **Almost all HES solutions contain recycled content, allowing most of our products to contribute toward this credit.**

HES, Inc. Product	Post-consumer Recycled Content *	Pre-consumer Recycled Content **	Total Recycled Content Percentage
Electric Strikes	35%	0%	35%
All HES Electro-Mechanical Locks	35%	0%	35%

\*Recycled content defined in accordance with industry standards.

\*\*Pre-consumer recycled content refers to waste material that is immediately placed back into the production cycle. Waste materials generated by the production of these products are collected and shipped off site where it then reenters the recycle stream.

**MR Credit 5**

Regional Material  
**NC CS S HCR** (CI allows One point if 20% material by cost is manufactured within 500 miles, second point if 10% is manufactured AND extracted, harvested or recovered)

Increase demand for building materials and products that are extracted and manufactured within the region, thereby supporting the use of indigenous resources and reducing the environmental impacts resulting from transportation. Use building materials or products that have been extracted, harvested or recovered, as well as manufactured, within 500 miles of the project site for a minimum of 10% or 20%, based on cost, of the total materials value. **HES products made in Phoenix, AZ can qualify for Regional Material credit under LEED CI.** Sub assemblies for these product lines are unable to be tracked back to recovery location and only qualify under LEED CI.

HES, Inc. Product	Manufacturing /Final Assembly location
All HES Hybrid Electric Strikes	Phoenix, AZ - USA
All HES Electric Strikes	Phoenix, AZ - USA
All FOLGER ADAM Electric Strikes	Phoenix, AZ - USA
All HES Electro-Mechanical Locks	Phoenix, AZ - USA
All Vista Electric Strikes (except VS110 & VS110-75 series)	Phoenix, AZ - USA

## LEED EBOM Specific Credits

**MR Credit 3**  
Sustainable Purchasing -  
Facility Alterations & Additions  
EBOM

Reduce the environmental and air quality impacts of the materials acquired for use in the upgrade of buildings. Maintain a sustainable purchasing program covering materials for facility renovations, demolitions, refits and new construction additions. **HES can help sustainable purchasing programs meet many of the requirements to obtain this credit.**

**MR Credit 9**  
Solid Waste Management -  
Facility Alterations & Additions  
EBOM

To divert construction and demolition debris from disposal to landfills and incineration facilities. Redirect recyclable recovered resources back to the manufacturing process and reusable materials to appropriate sites. **Many HES products can be recycled (in the case of our metal products, potentially infinitely) and reused. We strive to make durable sustainable products that can assist projects in attaining this credit.**

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Hanchett Entry Systems, Inc.

For more information call 623.582.4626 or visit us online at [www.hesinnovations.com](http://www.hesinnovations.com) or [www.assaabloydss.com/sustainability](http://www.assaabloydss.com/sustainability)

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ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience.

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