

LEED® Responsibly

Santa Claus, IN, Manufacturing Facility

LEED EB: O&M, Silver



Get to Know Us

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Environmental Compliance and Sustainability Manager for National Office Furniture

National Office Furniture consist of 4 manufacturing locations.

- NOF – 11th Avenue – Jasper Indiana
- NOF – Santa Claus – Santa Claus Indiana
- NOF – Fordsville – Fordsville Kentucky
- NOF – Danville – Danville Kentucky

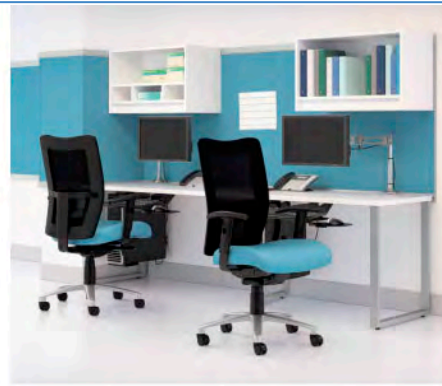
About Us

National Office Furniture, A Brand Unit of Kimball International, Inc.

Jasper, Indiana-based manufacturer of high-quality office furnishings. Since 1980, National has built a reputation for excellence with stylish furniture of exceptional value; a dedication to personalized service; product designs that reflect a passion for the user's comfort and productivity; and a commitment to environmental responsibility.



What We Do



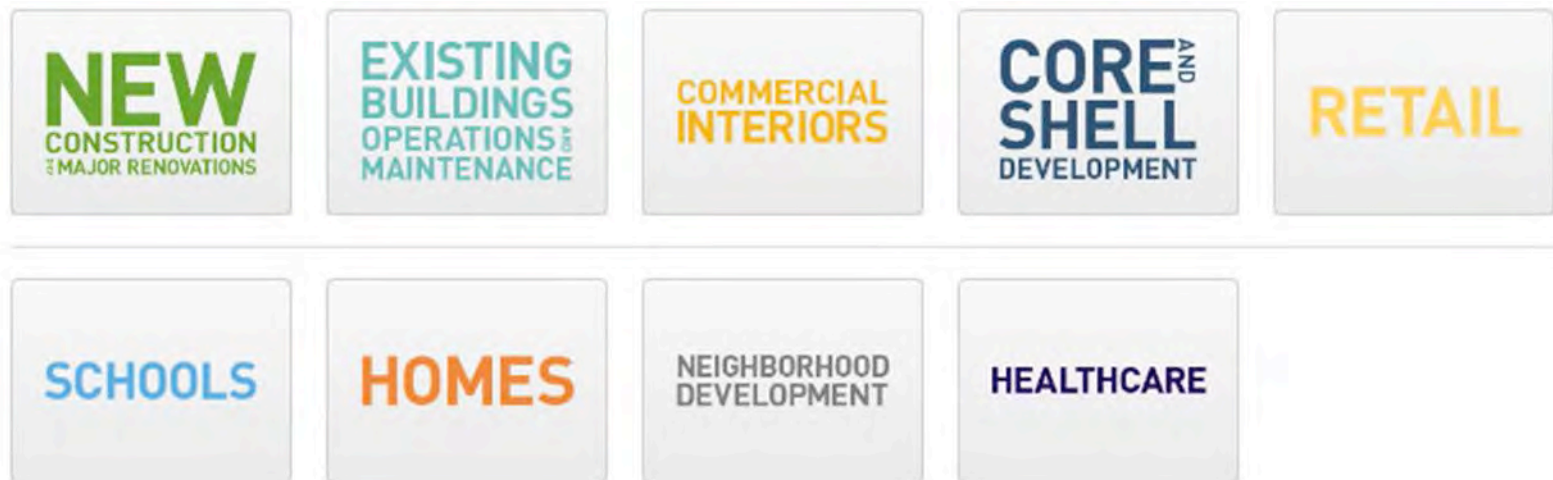
Overview of USGBC and LEED Rating Systems

- The U.S. Green Building Council (USGBC) is a 501(c)(3) nonprofit organization committed to a prosperous and sustainable future for our nation through cost-efficient and energy-saving green buildings.
- USGBC is made up of tens of thousands of member organizations, chapters and student and community volunteers that are moving the building industry forward in a way that has never been seen before.



LEED Rating Systems

- Rating systems are groups of requirements for projects that want to achieve LEED certification. Each group is geared towards the unique needs of a project or building type.
- LEED is flexible enough to apply to all project types including healthcare facilities, schools, homes and even entire neighborhoods.



LEED Credit Categories



Sustainable sites credits encourage strategies that minimize the impact on ecosystems and water resources.



Water efficiency credits promote smarter use of water, inside and out, to reduce potable water consumption.



Energy & atmosphere credits promote better building energy performance through innovative strategies.



Materials & resources credits encourage using sustainable building materials and reducing waste.



Indoor environmental quality credits promote better indoor air quality and access to daylight and views.



Innovation in design or innovation in operations credits address sustainable building expertise as well as design measures not covered under the five LEED credit categories. Six bonus points are available in this category.

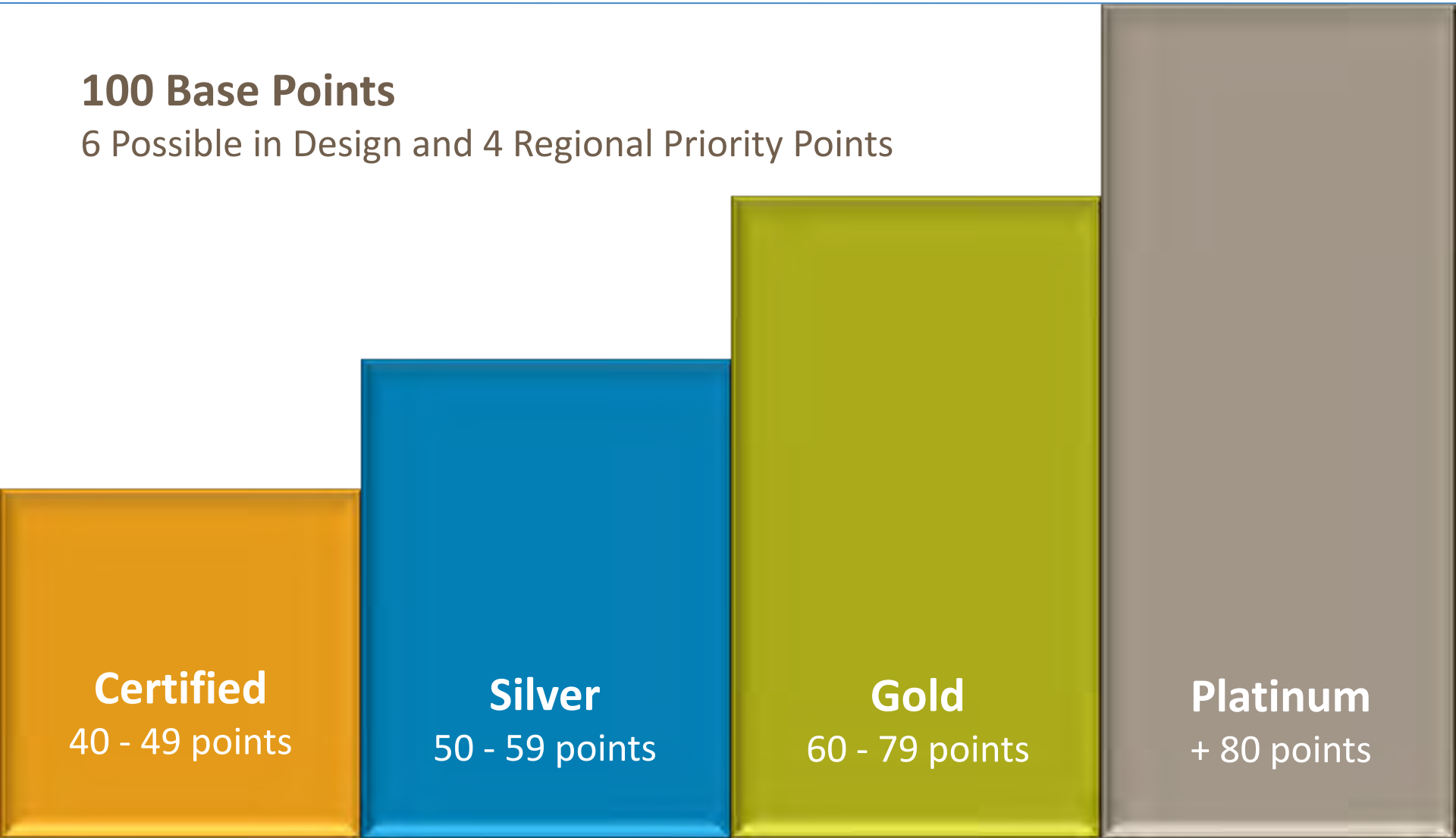


Regional priority credits address regional environmental priorities for buildings in different geographic regions. Four bonus points are available in this category.

LEED Point Structure

100 Base Points

6 Possible in Design and 4 Regional Priority Points



LEED EB O&M Rating System (LEED for Existing Building Operation & Maintenance)

- The rating system encourages owners and operators of existing buildings to implement sustainable practices and reduce the environmental impacts of their buildings, while addressing the major aspects of ongoing building operations:
 - Exterior building site maintenance programs
 - Water and energy use
 - Environmentally preferred products and practices for cleaning and alterations
 - Sustainable purchasing policies
 - Waste stream management
 - Ongoing indoor environmental quality



Achieving LEED Silver

- National's Santa Claus, IN, Manufacturing Facility:
- June 2012, awarded LEED for Existing Buildings: Operations and Maintenance 'Silver' by the U.S. Green Building Council (USGBC)

National Santa Claus Facility
Certified LEED Silver in June, 2012



About Santa Claus



- Constructed in the early 1970s to manufacture electronic entertainment equipment, today we produce wood and laminate office furniture products.
- The facility is ISO9001, ISO14001, and FSC (Forest Stewardship Council) Chain of Custody certified.
- Products produced in Santa Claus meet stringent indoor air quality requirements and achieve the industry's highest sustainable product certifications level® 2 and level 3.
- In addition, the facility is a member of Indiana's Environmental Stewardship Program and is an OSHA Voluntary Protection Program STAR (VPP) site and was awarded the Governors Award for Environmental Excellence in 2013.

LEED Project Accomplishments

- Increased recycling areas at individual workstations, break rooms and coffee stations where paper, plastics, metals, cardboard and other materials can be recycled.
- Implemented a Green Cleaning Policy, 97% of cleaning products used meet LEED green cleaning requirements.
- Carefully selected interior finishes and products with high recycled content including furniture components consisting of over 82% recycled content (by weight) and regionally manufactured within 500 miles.



Reduced water usage by 33% due to the installation of new low-flow water fixtures and fittings in restrooms.



LEED Project Accomplishments (Continued)

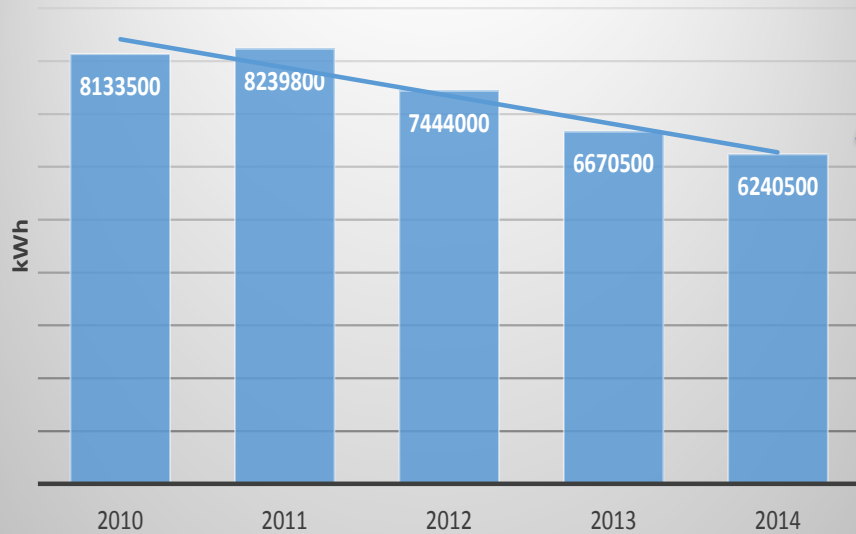
- On-going maintenance of a roofing system that meets the Energy Star Solar Reflectance Index (SRI) requirement, California Title 24, and is LEED compliant. The maintenance plan calls for cleaning the roof every two years to ensure continued high reflectivity.
- Implemented exterior building cleaning and maintenance best practices.



- Diverted 90% of construction debris from office renovation project.
- 97% of on-going consumables (e.g. paper, toner cartridges, office supplies, batteries) contain sustainable attributes that meet the LEED requirements.
- Prioritized on regional priority credits to support environmental improvement for the local environment.

Resource Conservation – Electric Consumption

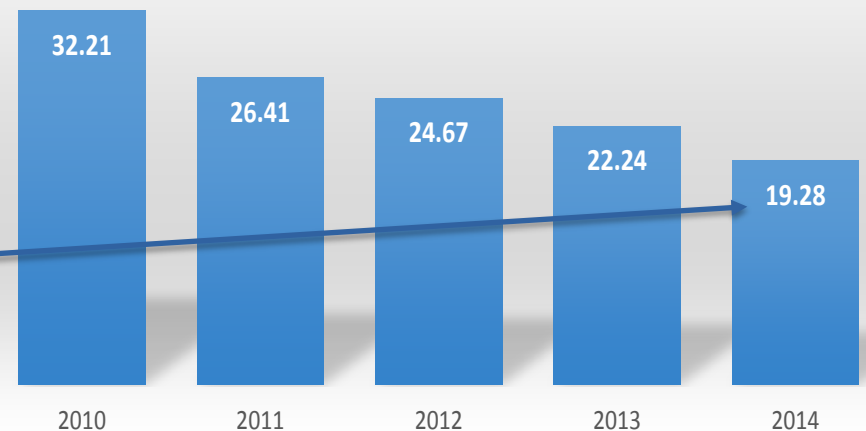
Electric Consumption



23.3%
Absolute
Reduction

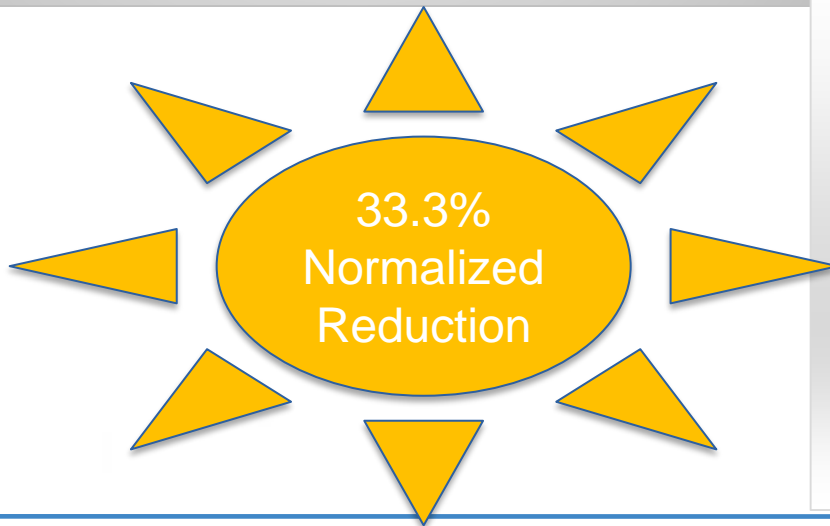
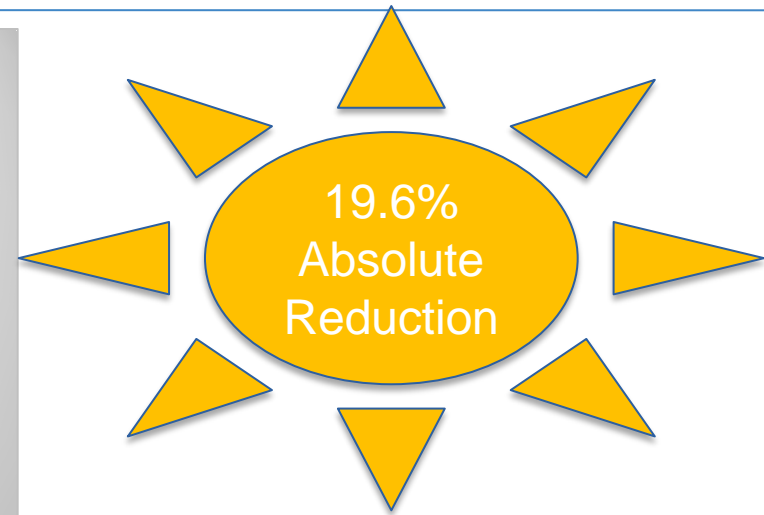
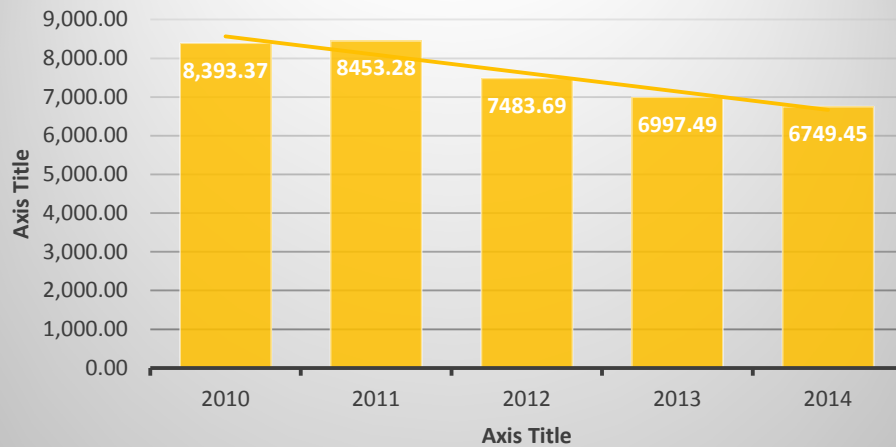
40.1%
Normalized
Reduction

Electric Consumption
(kWh per Unit Produced)

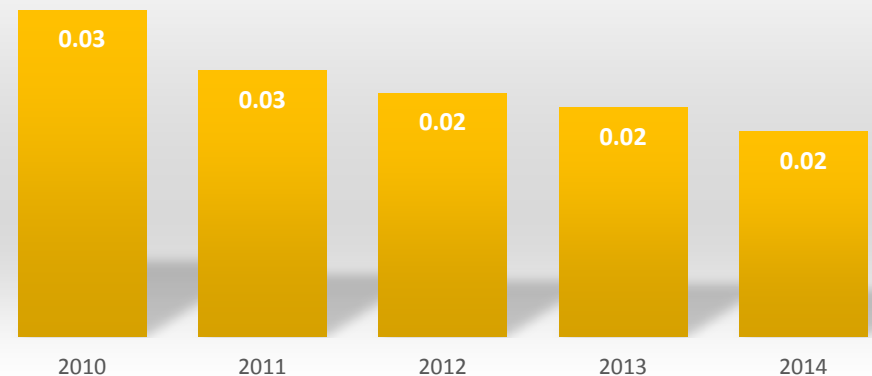


Resource Conservation – Green House Gas Emissions

Green House Gas Emissions

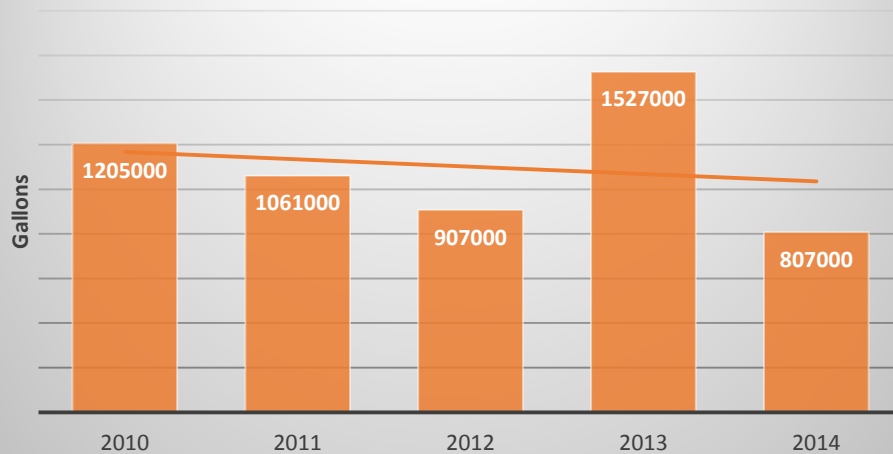


Green House Gas Emissions Per Unit Produced



Resource Conservation – Water Consumption

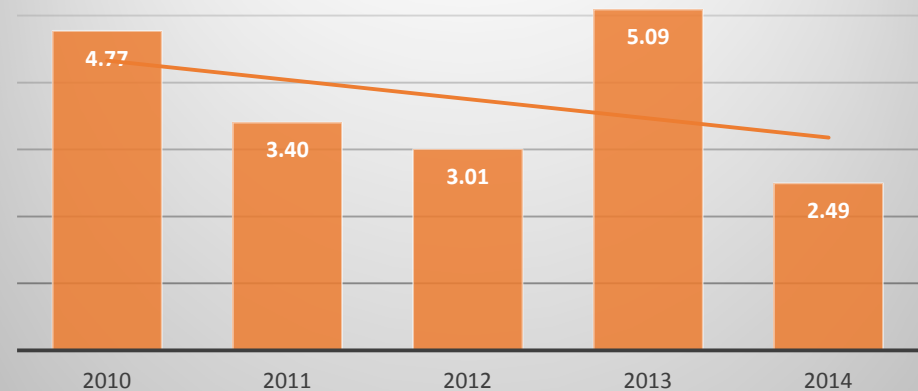
Water Consumption



33%
Absolute
Reduction

47.8%
Normalized
Reduction

Gallons Per Unit



Achieving LEED

- Of the more than 12,000 LEED-certified projects globally, only 540 reside under the industrial manufacturing category.
- National's Santa Claus facility is the first LEED-certified office furniture manufacturing facility in Indiana and the 11th in the State under the industrial category.
- Additional National LEED certified facilities:
 - Jasper Corporate Showroom – LEED Gold
 - Chicago Showroom – LEED Silver
 - New York Showroom – LEED Certified
 - Dallas Showroom – LEED Gold
 - PDR, Product Development & Research - LEED Certified
 - Washington D.C. Showrooms – LEED Silver
 - Atlanta and Boston Showroom – Pending



Quote from Rick Fedrizzi on National:

“National Office Furniture has proved their leadership in the manufacturing sector through their LEED Silver certification,” said Rick Fedrizzi, President, CEO & Founding Chair, U.S. Green Building Council. “By targeting sustainability, National has raised the bar for manufacturing facilities everywhere. We commend them on this great achievement.”



LEED v4 – Future of LEED

- LEED v4 is the newest update to the LEED rating systems. Changes from LEED 2009 are seen in three main categories: new market sectors, increased technical rigor and streamlined services. LEED v4 raises the bar on leadership.
- LEED v4 was published at Greenbuild in November 2013.
- Project pursuing LEED can certify under LEED 2009 (until 10/2016) or LEED v4.

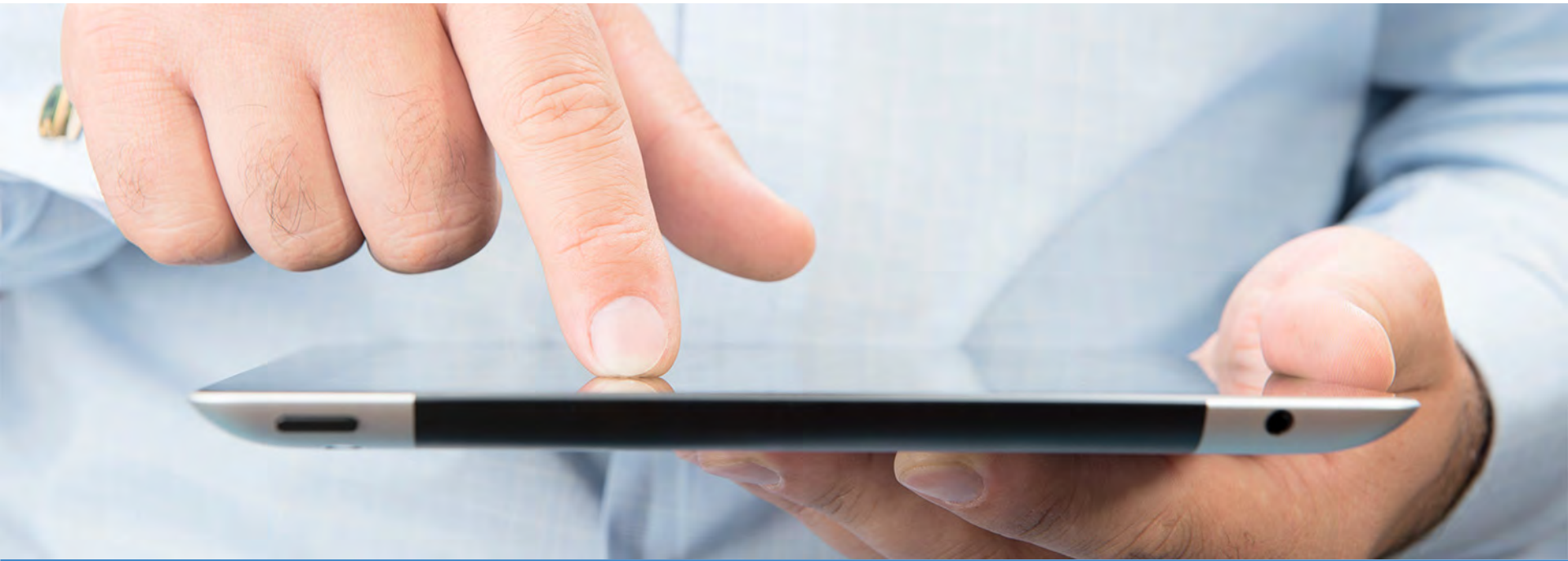


LEED v4 by Rating System 'draft'

BD&C	BUILDING DESIGN & CONSTRUCTION RATING SYSTEMS	ID&C	INTERIOR DESIGN & CONSTRUCTION RATING SYSTEMS	EB:O&M	EXISTING BUILDINGS: OPERATIONS & MAINTENANCE RATING SYSTEMS	ND	NEIGHBORHOOD DEVELOPMENT RATING SYSTEMS	HOMES	HOMES RATING SYSTEMS
New Construction		Commercial Interiors		Existing Buildings: Operations & Maintenance		Neighborhood Development Plan		Homes	
Core & Shell		Retail						Mid-Rise	
Schools		Hospitality		Schools		Neighborhood Development			
Retail				Retail					
Hospitality				Hospitality					
Data Centers				Data Centers					
Warehouses & Distribution Centers				Warehouses & Distribution Centers					
Healthcare									

LEED v4 Credit Categories

- Location & Transportation
- Water Efficiency
- Energy & Atmosphere
- Materials & Resources
- Indoor Environmental Quality
- Innovation
- Regional Priority



Thank You for Your Time

- For more information about National Office Furniture, visit: www.NationalOfficeFurniture.com.
- For more information regarding LEED Certification visit: www.USGBC.org.

