

NATIONAL[®]

Furniture with Personality[®]

Santa Claus, IN, manufacturing facility

LEED EB: O&M, Silver



USGBC

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National Office Furniture

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- Director of Sustainability for National Office Furniture

National Office Furniture

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.



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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)



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- Constructed in the early 1970s to manufacture electronic entertainment equipment, today we produce wood and laminate office furniture solutions.
- 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.

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- National pursued the LEED EB: O&M rating to increase the facility's sustainable performance
- National's LEED Silver certification was based on a number of green design and maintenance implementations

EXISTING
BUILDINGS
OPERATIONS &
MAINTENANCE

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Project Implementation: 2+ years

- Obtained LEED EB O&M Reference Guide
- Conducted Initial assessment of the Santa Claus facility
 - Start with the prerequisites!
- Developed 'Support' Team
 - 2 LEED AP Team members: Work Flows and Work Instructions for each credit
- Developed Santa Claus 'Core Team'
 - Maintenance, Safety, Environmental, Procurement, Accounting, Financial resources
 - Kicked off with LEED Training (Leadership Team & Core Team)
- Documented detailed project plan
- Executed to the plan

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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 34% due to the installation of new low-flow water fixtures and fittings in restrooms.



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Accomplishments cont'd:

- 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 which utilize only eco-friendly and minimal impact cleaners and supplies.
- 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.



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- 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 LEED certified facilities:
 - Jasper Corporate Showroom – LEED Gold
 - Chicago Showroom – LEED Silver
 - New York Showroom – LEED Certified
 - Dallas Showroom – LEED Gold
 - Orange Co, CA Showroom – LEED Certified
 - PDR, Product Development & Research - LEED Certified
 - Atlanta and Washington D.C. Showrooms – LEED pending



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Quote from Rick Fedrizzi:

“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.”



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LEED EB: O&M requires re-certification every 5 years.

- Implemented LEED Audit Process to ensure processes and LEED required documentation is being sustained.

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For more information about National Office Furniture,
visit: www.NationalOfficeFurniture.com

For more information regarding LEED Certification visit:
www.USGBC.org

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Thank you!