



News Release

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FOR IMMEDIATE RELEASE

NEW BENDIX NORTH AMERICAN HEADQUARTERS BUILDING **ACHIEVES LEED SILVER CERTIFICATION**

Opened in November 2021, the Avon, Ohio, Facility Is a Signature Step in the Company's Long-Established Commitment to LEED Principles and Sustainability Leadership

AVON, Ohio – May 11, 2022 – In November 2021, Bendix Commercial Vehicle Systems LLC (Bendix) opened its new North American headquarters building, a light-filled gem of a structure set on a leafy-green, 56-acre campus in Avon, Ohio, just west of Cleveland. To add to the list of impressive milestone achievements, Bendix has now been awarded LEED Silver certification for the new Avon facility.

LEED, which stands for Leadership in Energy and Environmental Design, outlines the fundamental elements for a healthy, high-efficiency, and cost-saving green building. Administered by the U.S. Green Building Council, LEED is the most widely used green building rating system in the world. LEED certification is a globally recognized symbol of sustainability and leadership.

Bendix's new headquarters – which consists of a main building totaling more than 200,000 square feet and a free-standing, multi-bay commercial vehicle garage – is certified to LEED Silver v4, a newer and even more rigorous set of requirements than earlier versions of LEED Silver. According to LEED data for Ohio, the building is the first in Avon to achieve LEED Silver v4 certification.

"We're proud to achieve LEED Silver certification for our headquarters facility," said Maria Gutierrez, Bendix director of corporate responsibility and sustainability. "This building is

not only beautiful to look at and a wonderful, inviting place to work. It's also a reflection of Bendix's long-standing sustainability strategy, supporting our goal to be a partner with our planet by reducing energy consumption; diverting waste from landfill; and increasing our use of green, renewable energy."

Bendix has long made LEED principles a part of its company philosophy, with investments in everything from energy-efficient upgrades to recycling programs at its facilities across North America. The company's facilities and HSE (health, safety, and environment) teams worked together closely on its targeted LEED certification effort in Avon.

"In keeping with this LEED commitment, before a single line was drawn or shovelful of dirt turned for the new headquarters, Bendix invested in LEED and made it a core part of the building program," said Jim Wischmeier, Bendix facilities and maintenance manager, who worked with project champions in senior leadership and helped choreograph the LEED process. "LEED considerations were critical in all decisions, including making LEED expertise part of the criteria in choosing partners for the project."

Wischmeier continued, "Our headquarters is the culmination of an enormous amount of intentional thought and effort that started from day one of the pre-planning and conception and continued through every step of design and construction. The LEED framework will also help ensure the building maintains its performance into the future as well. What we have is a transformative facility that works better for the environment, and just as important, for the men and women who walk through its doors every day."

Both Gutierrez and Wischmeier are accredited LEED Green Associates, further demonstrating the company's commitment to LEED principles.

Model of Energy Efficiency

Employees in the new Bendix headquarters oversee research, development, engineering, testing, sales, and marketing for the company. In the building design, Bendix incorporated LEED principles in material selection, office layout, recycling programs, efficient energy systems and metering, and a focus on indoor air quality.

Bendix gave special attention to energy efficiency, integrating a comprehensive energy strategy in the design and operations of the facility. Throughout the process, the team used energy modeling as a design-assist tool – taking into account such factors as site conditions, massing, building envelope, lighting, thermal comfort, and programming.

High-efficiency lighting, windows, insulation, and HVAC equipment help reduce overall energy consumption in the building by over 18% compared to similar buildings. The building

utilizes submeters to monitor lab, HVAC, and lighting energy use, enabling Bendix to track energy usage in real time. Lighting is 100% LED, with sensors to determine occupancy in a room and daylight-harvesting energy management controls that automatically dim or switch off lighting when sufficient ambient light is present in the space. Additionally, each office has “controlled” electrical receptacles that power down each evening and power back up each morning.

Bendix participates in a demand-response program, making it possible for the facility to lower overall energy use during peak periods and help reduce strain on the grid. Overall, 100% of the building’s energy use is offset by renewable energy certificates (RECs) and carbon offsets.

Priority on Air Quality and Recycling

Bendix counted enhancing indoor air quality as another priority in the new building. To promote employee comfort, well-being, and productivity, the design team incorporated several strategies. These include high-efficiency filtration; walk-off mats (floor mats designed to remove debris from the soles of shoes) placed at all regularly used entrances; carbon dioxide sensors in all densely populated areas; extensive use of no- or low-emitting materials, limiting pollutants in the indoor environment; and volatile organic compound (VOC) monitoring on each floor.

Hazardous materials are stored in negative-pressure areas to help prevent them from leaking out into adjacent areas. And prior to occupancy, Bendix conducted a building flush-out, consisting of over 2 billion cubic feet of outside air to improve indoor air quality.

The Bendix project team also prioritized recycling – within the design of the building, on the construction site, and for building occupants. As one example, the company reclaimed wood from trees felled on the site and transformed it into conference tables used in the building. More than 80% of all construction waste was diverted from landfill. In addition, the team drafted a comprehensive occupant recycling plan as a key part of the project.

“Also, as part of its LEED program in the new building, Bendix promotes alternatives to conventionally fueled vehicles,” said Bill Schubert, Bendix corporate manager, environmental and sustainability. “The parking lot includes 28 parking spaces designated for electric vehicles, and six on-site Level 2 charging stations – easily expandable to 24 chargers. Plus, the site is equipped to add commercial vehicle charging stations as needed in the garage and dock area.”

Schubert continued, “The project’s large, landscaped site – 70% of which is accessible open space – is designed to encourage employee and visitor interaction with the environment, social contact with each other, and physical activity. It includes a community garden, a variety of

plantings and vegetation, walking paths, as well as bicycle paths and covered bike rack parking.”

Global Environmental Strategy

Bendix is the North American leader in the design, development, and manufacture of active safety, air management, and braking solutions for commercial vehicles. It is also a member of Munich, Germany-based Knorr-Bremse, the global market leader for braking systems and a leading supplier of other safety-critical rail and commercial vehicle systems.

“The headquarters project is a signature part of our larger environmental effort,” Gutierrez said. “It’s a major step in our continued progress toward Bendix’s key sustainability milestones and our overarching climate action goals.”

Together, Knorr-Bremse and Bendix are focused on achieving reduced energy use, increased waste diversion, and improved energy efficiency in support of their deep alignment and ongoing support of the United Nations’ (U.N.) ambitious Sustainable Development Goals (SDGs). Key among their goals is cutting CO₂ emissions in half by 2030 and fully by 2050.

“As a good steward of the environment and a good neighbor, we were intent on succeeding across the complex array of LEED requirements,” Wischmeier said. “This entailed extensive collaboration among Bendix and our design, construction, and consulting partners – including Geis Companies, JLL, Neff & Associates, and Emerald Built Environments. We stayed focused on LEED through constant communication, keeping LEED top of mind as an integral part of the project.”

About Bendix Commercial Vehicle Systems LLC

Bendix Commercial Vehicle Systems, a member of Knorr-Bremse, develops and supplies leading-edge active safety technologies, energy management solutions, and air brake charging and control systems and components under the Bendix® brand name for medium- and heavy-duty trucks, tractors, trailers, buses, and other commercial vehicles throughout North America. An industry pioneer, employing more than 4,100 people, Bendix – and its wholly owned subsidiary, R.H. Sheppard Co., Inc. – is driven to deliver the best solutions for improved vehicle safety, performance, and overall operating cost. Contact us at 1-800-AIR-BRAKE (1-800-247-2725) or visit bendix.com. Stay connected and informed through Bendix expert podcasts, blog posts, videos, and other resources at knowledge-dock.com. Follow Bendix on Twitter at twitter.com/Bendix_CVS. Log on and learn from the Bendix experts at brake-school.com. And to learn more about career opportunities at Bendix, visit bendix.com/careers.

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