

## Hilti Manufacturing India's Vadodara Plant Awarded DGNB Gold Certification – A First for India

- *The certification is a powerful endorsement of Hilti's commitment to holistic sustainability, reflecting a balance of economic performance, ecological responsibility, and sociocultural impact in every aspect of the plant's design and operation.*
- *The plant features a highly efficient HVAC system, passive cooling techniques, and a smart building management system that helps monitor and optimise energy use throughout the day.*

**28 July 2025; INDIA:** Hilti Manufacturing India's plant in Vadodara, Gujarat, has become the first industrial facility in the country to receive the prestigious DGNB Gold Certification from the German Sustainable Building Council. This milestone highlights Hilti's long-term commitment to building sustainable and future-ready infrastructure in India. It also reflects the company's global customer promise to be the best partner for productivity, safety and sustainability. The certification reinforces Hilti's determination to bring that promise into tangible action on the ground, while highlighting its efforts to decarbonise operations and achieve net-zero emissions by 2050.

DGNB certification is one of the world's most rigorous and holistic benchmarks for sustainable building. Developed by the independent nonprofit "Deutsche Gesellschaft für Nachhaltiges Bauen," the certification evaluates buildings across their entire life cycle – from early planning and construction to operation and eventual decommissioning. It assesses environmental performance, economic viability, user comfort, and design quality, among other factors.

**Giridhar Jambunathan, Director & Chief Executive Officer, Hilti Manufacturing India,** commented, *"Industrial buildings present unique challenges when it comes to sustainability, given their scale, complexity, and operational demands. From the outset, our goal with the Vadodara plant was to go beyond compliance and set a new benchmark for industrial construction in India. DGNB's framework provided us the right balance of environmental, economic, and social metrics to guide that ambition. The Gold certification is a recognition of our team's deep commitment to designing a facility that reflects both performance and purpose."*

**Johannes Kreißig, Managing Director of the DGNB,** said, *"With the successful completion of DGNB certification in India and Hungary, Hilti has demonstrated that they set high standards for holistic sustainable construction in building its own facilities worldwide. Hilti is playing a truly pioneering role here, as the project in India is the first ever to be awarded DGNB certification in that country. In addition, the project in Hungary achieved the highest possible rating, with a DGNB Platinum certificate. This is a great result, and we can only congratulate them."*



Hilti India's Vadodara plant sets a new standard for sustainable industrial construction in India. The facility was designed and executed according to DGNB's three central pillars: economy, ecology, and sociocultural impact. A flexible layout maximises adaptability for future expansions, and the site integrates advanced technical systems to support high energy efficiency and optimal workplace conditions.

To meet economic efficiency standards, the plant features a highly innovative HVAC system based on chilled beams and radiant floor cooling. The system uses chilled water as its primary cooling medium and operates in convection mode, maintaining comfort conditions at  $28\pm 2^{\circ}\text{C}$ . This water-based solution is approximately five times more efficient than conventional cooling methods. To further reduce energy consumption, the building incorporates multiple passive design features, including external shading devices, overdeck insulation, and solar-protective façade fins. All systems are connected to a centralised building management platform for continuous performance monitoring.

The facility's ecological features reinforce Hilti's environmental commitments. A 1500 MWh photovoltaic system generates renewable energy, supporting operations and electric vehicle infrastructure. The site is designed as a zero-discharge campus, equipped with rainwater harvesting and water treatment systems that ensure 100% water recycling. A Miyawaki forest, covering 25 per cent of the plant area, enhances biodiversity using native species. Additional efforts to reduce light pollution further contribute to the site's ecological balance.

Hilti India also prioritised human well-being and inclusivity in accordance with DGNB's sociocultural criteria. Following a "Design for All" philosophy, the building includes ramps, elevators, accessible restrooms and workspaces, and a 1:1 gender-based design approach. More than 170 volatile organic compounds (VOCs) were tested prior to occupancy to ensure safe indoor air quality. Acoustic comfort and healthy materials were integrated into the office and production areas. The facility also includes on-site amenities such as childcare, fitness and yoga zones, jogging tracks, and common areas for employees and transport staff.

Hilti's journey in sustainable building design began in 2010, when its plant in Austria received the company's first DGNB Gold certification. Since then, sustainability has become a core consideration in every new facility Hilti builds. The Vadodara plant joins the ranks of other DGNB-certified Hilti facilities in Austria and Hungary, with the company continuing to embed environmental and social performance standards into all future developments.

### About Hilti Group

Hilti is a world-leading provider of high quality, innovative and specialized tools, fastening systems and software-based solutions for the professional user. With about 33,000 team members in over 120 countries, the company stands for direct customer relationships, quality and innovation. Hilti generated annual sales of more than CHF 6.4 billion in 2024. The headquarters of the Hilti Group have been in Schaan, Liechtenstein, since its founding in 1941. The company is privately owned by the Martin Hilti Family Trust, which ensures its long-term continuity. The Hilti



## Media Release

Group's purpose is Making Construction Better, based on a passionate and inclusive global team and a caring and performance-oriented culture.

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