

SUSTAINABILITY PROGRESS REPORT

INNOVATION FOR A
SUSTAINABLE FUTURE

INTRODUCTION

The United Nation's Sustainable Development Goals (SDGs), also known as Global Goals, are a set of 17 integrated and interrelated goals to end poverty, protect the planet and ensure that humanity enjoys peace and prosperity by 2030.

We are proud to present Steelcon's first Corporate Social Responsibility (CSR) report, demonstrating our unwavering commitment to sustainability and responsible business practices. Our efforts align with the United Nations Sustainable Development Goals (SDGs), reflecting our dedication to creating a positive impact on the world.

At Steelcon, innovation and excellence have always been at the core of our operations. Our SIN Beam product, prominently featured in this report, exemplifies our commitment to reducing material use, minimizing environmental impact, and promoting sustainable development. Designed to meet the highest standards of efficiency and performance, SIN Beam ensures that our clients benefit from the most advanced and sustainable steel solutions available.

This CSR report marks a significant milestone in our journey towards greater transparency and accountability. It highlights our initiatives and achievements across key areas such as responsible consumption and production, climate action, and sustainable industrial innovation. Through this report, we aim to document and share our progress, and inspire others to join us in our mission to create a more sustainable future.

We are excited about the opportunities ahead and look forward to contributing to a better, more sustainable world.





EXECUTIVE SUMMARY

Steelcon, a leader in structural steel manufacturing, proudly aligns its operations with the United Nations Sustainable Development Goals (SDGs). This Corporate Social Responsibility (CSR) report highlights the company's commitment to sustainable practices and outlines how the Steelcon SIN Beam product supports various SDGs and adheres to internationally recognized standards.

COMPANY OVERVIEW

Steelcon is a prominent structural steel company that designs, fabricates, and constructs industrial, commercial, institutional, and multi-residential projects. With extensive fabrication space and a dedicated team, Steelcon delivers innovative and cost-effective structural steel solutions across North America.

SIN BEAM OVERVIEW

Steelcon's SIN Beam is a versatile structural steel section used in various construction applications. Manufactured from 350W G40.21 steel, the SIN Beam's design allows for significant material efficiency, reducing the amount of steel required in structures by up to 30%. This efficiency is achieved through the unique sinusoidal shape of the beam's web, which enhances load capacity.



ALIGNMENT WITH SDGS



SIN BEAM

Steelcon's operations and SIN Beam product are aligned with several key UN SDGs:



SDG 9: INDUSTRY, INNOVATION, AND INFRASTRUCTURE

Innovation in Product Design: The SIN Beam's design reduces material usage while maintaining high structural integrity, supporting sustainable industrialization.

Infrastructure Development: The SIN Beam is integral in constructing durable and resilient infrastructure, promoting sustainable industrialization.



SDG 12: RESPONSIBLE CONSUMPTION AND PRODUCTION

Efficient Use of Resources: The SIN Beam's design optimizes the use of steel, a finite resource, aligning with responsible production practices.

Lifecycle Assessment (LCA): Conducted in accordance with ISO standards, the LCA ensures transparency and accountability in the product's environmental impact.



SDG 13: CLIMATE ACTION

Reduction in CO2 Emissions: The SIN Beam's material efficiency translates to lower CO2 emissions during production and transportation, contributing to climate action.

Environmental Impact Assessment: Detailed assessments of global warming potential (GWP) and other environmental impacts are conducted, guiding efforts to minimize ecological footprints.

WORKPLACE MANAGEMENT

Steelcon is committed to upholding human rights across its operations, aligning with several key UN SDGs:



SDG 8 - HUMAN RIGHTS RISKS

Steelcon conducts thorough assessments to identify risks related to labor practices, supply chain management, and community engagement. This aligns with SDG 8.7, which calls for the eradication of forced labor and the promotion of safe and secure working environments. We have implemented policies and practices to address human rights risks, such as fair labor practices and supplier audits, in line with SDG 8.8, which emphasizes the need for effective measures to ensure safe and secure working environments.



SDG 16 - EFFECTIVENESS REVIEW

Regular reviews and improvements of our human rights measures ensure their effectiveness, supporting SDG 16.6 (Develop effective, accountable, and transparent institutions).



SDG 10 - FUTURE MEASURES

We are developing additional strategies, including enhanced training and stakeholder engagement, to manage human rights risks, in accordance with SDG 10.2 (Empower and promote the social, economic, and political inclusion of all).

ENVIRONMENTAL STEWARDSHIP

Steelcon actively manages its environmental impact, aligning with several key UN SDGs:



SDG 12 - ENVIRONMENTAL RISKS

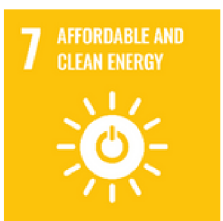
We assess risks related to resource use, emissions, and waste management, supporting SDG 12.4 (Reduce waste generation through prevention, reduction, recycling, and reuse).

Implementing measures such as energy-efficient manufacturing processes and waste reduction programs aligns with SDG 12.5 (Substantially reduce waste generation) and SDG 7.3 (Double the global rate of improvement in energy efficiency).



SDG 13 - EFFECTIVENESS REVIEW

Regular reviews evaluate the effectiveness of our environmental measures, ensuring continuous improvement in line with SDG 13.2 (Integrate climate change measures into national policies, strategies, and planning).



SDG 7 - FUTURE MEASURES

We plan future initiatives to further reduce environmental impacts, including increased use of renewable energy and advancements in product design, supporting SDG 7.2 (Increase substantially the share of renewable energy in the global energy mix).

ENVIRONMENTAL PERFORMANCE

The Environmental Product Declaration (EPD) for SIN Beam reflects our commitment to sustainability and aligns with key UN SDGs:



SDG 12 - RESOURCE USE

Our production process prioritizes the efficient use of resources, aligning with SDG 12.2 (Achieve the sustainable management and efficient use of natural resources).



SDG 13 - GLOBAL WARMING POTENTIAL

SIN Beam's significant reduction in GWP highlights Steelcon's dedication to mitigating climate change, aligning with SDG 13.1 (Strengthen resilience and adaptive capacities to climate-related hazards).

SUSTAINABLE PRACTICES

Steelcon is dedicated to continuous improvement in sustainability, aligning with key UN SDGs:



SDG 12 - SUSTAINABLE SOURCING

Steel for the SIN Beam is sourced from NorthStar BlueScope Steel, known for its environmental stewardship, supporting SDG 12.6 (Encourage companies to adopt sustainable practices and to integrate sustainability information into their reporting cycle).



SDG 12 - WASTE MINIMIZATION

We minimize waste generation and prioritize recycling and repurposing by-products, in line with SDG 12.5 (Substantially reduce waste generation through prevention, reduction, recycling, and reuse).



SDG 13 - ENERGY EFFICIENCY

Our manufacturing facility incorporates energy-efficient practices, reflecting SDG 7.3 (Double the global rate of improvement in energy efficiency).

REFLECTIONS AND FUTURE FOCUS

Through this report, Steelcon reaffirms its commitment to sustainability and ethical practices. Our alignment with the United Nations Sustainable Development Goals (SDGs) illustrates our proactive stance on addressing global challenges while enhancing our positive impact on society and the environment.

HUMAN RIGHTS AND ETHICAL STANDARDS

We continue to uphold fair labor practices and ethical conduct across all operations. Our comprehensive approach, including rigorous risk assessments, robust policies, and regular reviews, ensures that we maintain the highest standards of respect and integrity for our employees and stakeholders.

ENVIRONMENTAL STEWARDSHIP

Our efforts in managing environmental risks demonstrate our dedication to minimizing our ecological footprint. By integrating energy-efficient processes, optimizing resource use, and reducing waste, we contribute significantly to sustainable development and environmental preservation. Our future initiatives will focus on advancing these efforts and exploring new opportunities for environmental impact reduction.

PERFORMANCE METRICS

The Environmental Product Declaration (EPD) for the SIN Beam highlights our commitment to transparency and accountability. By monitoring key performance indicators such as Global Warming Potential (GWP) and resource efficiency, we not only measure our progress but also set the stage for future improvements in our environmental performance.

SUSTAINABLE PRACTICES

Our dedication to sustainable sourcing, energy efficiency, and waste reduction is integral to our operations. These practices support our goal of exceeding industry standards and fostering a culture of innovation and sustainability.



OUR PATH FORWARD

Building on our successes, we are committed to continually evolving and enhancing our strategies to meet both current and future challenges. The following "Next Steps" outline our strategic priorities and action plans designed to further embed sustainability into our operations, strengthen our impact, and drive continuous improvement. These initiatives will ensure that we remain at the forefront of responsible business practices and contribute meaningfully to our long-term goals.

ENHANCING HUMAN RIGHTS INITIATIVES

We will continue to refine our human rights policies and practices, with a focus on expanding training programs and improving stakeholder engagement.

STRENGTHENING ENVIRONMENTAL PERFORMANCE

We aim to set new sustainability targets, increase our use of renewable energy, and implement advanced waste management solutions.

MONITORING AND REPORTING:

Regularly updating our performance metrics and CSR practices to ensure alignment with evolving industry standards and stakeholder expectations.

ENGAGING STAKEHOLDERS

Actively involving our employees, suppliers, and communities in our sustainability efforts to foster a collaborative approach to achieving our goals.



As we continue our journey towards a sustainable future, Steelcon is committed to driving meaningful change and achieving excellence in sustainability and ethical practices. Our ongoing efforts and future initiatives reflect our strategic vision of balancing business success with social and environmental responsibility.
