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TRUE

FACILITY CASE STUDY

DMI COMPANIES, INC.

Wagoner Plant

Wagoner, Oklahoma

United States of America

Wagoner Plant

DMI Companies, Inc.



Certification level: Certified

Diversion rate upon certification: 90.4%

Facility location: Wagoner, Oklahoma, USA

Type of facility: Manufacturing

Facility operations: HVAC Production

Website: www.dmicompanies.com

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Sustainability And Environmental Compliance Specialist

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Sustainability Mission Statement of DMI Companies



DMI Companies, Inc. is committed to the sustainable manufacturing of a myriad of products designed to increase the efficiency of heating and cooling systems.

Our mission is to create and maintain a culture that promotes sustainability and cultivates responsible environmental behavior throughout, and across, all DMI Companies with a pledge to incorporate this philosophy into our everyday lives.

With our constant in-house efforts to reduce, reuse, and recycle, we are focusing on maintaining ecological balance, with a goal that will result in a positive outcome for our employees, surrounding communities and the environment.

Through implementation of sustainable practices and source reduction initiatives, we will diligently strive to diminish the impact that our internal operations have on the environment while simultaneously promoting conservation of our natural resources leaving our little piece of the world a better place for generations to come.

Why Zero Waste?

- DMI is committed to the support of sustainability, environmentally responsible practices, and the constant reduction of our waste streams.
- Waste diversion is a critical component to any successful recycling program, but it is not just about effective recycling. Diversion is more importantly about reducing the amount of waste produced. A solid recycling/reduction program will increase waste diversion rate and have a positive impact on the planet and the bottom line.
- Transparency, advocacy, and policy can have a huge impact on the success of recycling/reduction efforts, but culture is the number one driver of an effective program.

Biggest Wins

- DMI Companies is incredibly proud of the accomplishment of having two of our four facilities being confirmed as zero waste to landfill projects as certified by TRUE USGBCI.
- Analysis of waste has allowed DMI to maintain and develop solutions within our local geographic area to better establish our relationships within our community.
- Proper waste management is a cornerstone of DMI Companies sustainability mission and the establishment of proper environmental stewardship provides a point of personal pride among all DMI employees.

Credit Category: Redesign

- Having the right size collection container and service schedule is very important in practicing zero waste strategies.
- This is in on-going process that allows for constant evaluation to adjust as needed, but DMI also has a procedure to review all internal containers annually.
- We review right size collection dumpsters and service levels quarterly. Adjustments are made as needed for our practices and processes.
- In reviewing all 9 points of generation, DMI - Wagoner consists of 4 of the 9 possible points of generation according to the TRUE rating system guide. In each of these locations DMI follows the principals of bin rightsizing and proper labeling of waste withing the facility. These points of generation include:
 - Warehouse & Distribution
 - Offices
 - Grounds
 - Manufacturing



Credit Category: Reduce

- DMI is committed to promoting sustainability and the constant reduction of our waste streams. Concern for the environment while promoting a broader sustainability agenda is integral to DMI's professional activities and the management of our organization. We aim to follow and promote good sustainability practices, reduce the environmental impact of our activities, and promote sustainability efforts with vendors and clients.
- To reduce our impact, DMI has switched to paperless pay stubs for employees. Employees access pay stubs online, and that helps to decrease usage of paper, toner, postage, and further reducing our overall environmental impact.
- All printers, where applicable, have been automatically set to double-sided print. Not only does this reduce paper usage, but also lowers company expenses.
- All lawn care services are completed by in-house personnel. In accordance with our Landscaping Policy, all grass trimmings are left on mowed surfaces to be grass-cycled. We have found that grass-cycling has saved time and money over bagging or cleaning up trimmings.

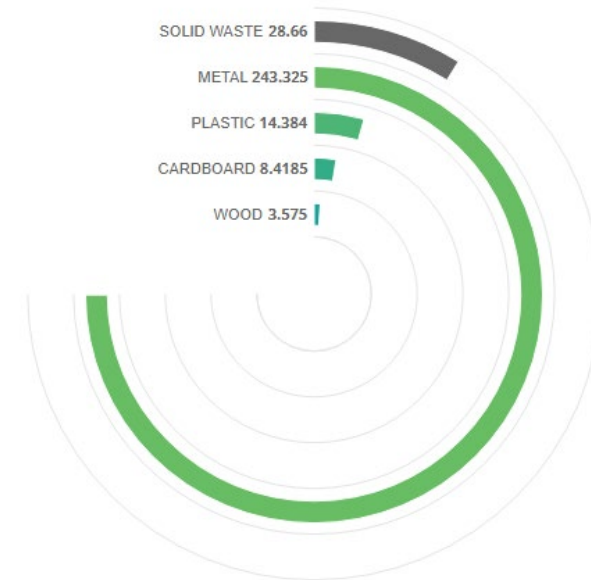
Credit Category: Reuse

- Reuse is a large component of our zero waste practices. With an influx of large cardboard gaylords included with our received materials, we have established a standard to reuse these containers throughout the facility.
- The reuse of containers is a constantly evolving process, and employees evaluate all inbound shipments.
- We reuse transport containers both internally for storage and externally when products are shipped to our customers.
- Joining together with suppliers to increase zero waste practices not only reduces the depletion of natural resources but it also opens the opportunity to earn monetary rebates and returns.
- Our facility has eliminated the single use food service ware in the office lunchroom. This process included replacing cutlery with reusable flatware. Paper plates and bowls have been replaced with ceramic options. Styrofoam and plastic cups have been eliminated; we ask employees to bring in a fillable bottle/mug for use in the office.



Credit Category: Recycle

- During our reporting period of October 2022 - September 2023, we recycled:
 - 233.3 Tons of Scrap Metal
 - 8.4 Tons of Cardboard
 - 5.5 Tons of Stainless Steel
 - 3.6 Tons of Number 2 Copper
 - 1.5 Tons of Clear Plastic
 - 0.9 Tons of Aluminum



Diversion Rate weights in Tonnage

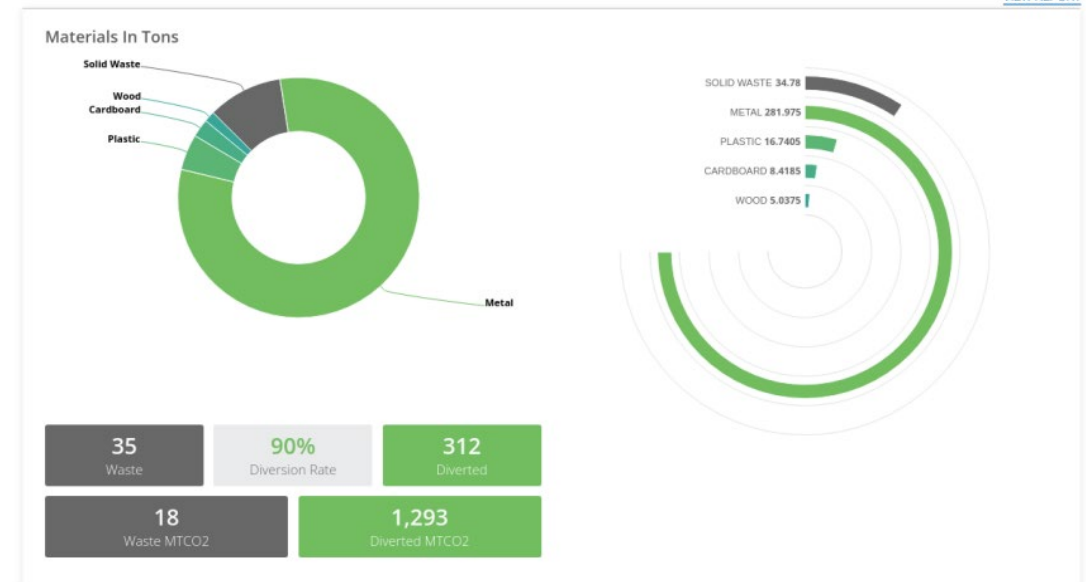
Credit Category: Zero Waste Reporting

- Zero waste reporting is a critical component to achieving our goal. Tracking waste and financial data helps to identify and understand what processes are beneficial, efficient, or should be adjusted.
- Data tracking is completed through reports that keep a consolidated record of weights by commodity and the financial data associated with each stream. Each month the weights of all waste streams are entered into the VIA Analytics system and are analyzed for trends.
- Our reports take our data collected on the weights of each stream and calculate the totals by material, diversion, expenses, and the avoided costs.



Credit Category: Diversion (Min. 90%)

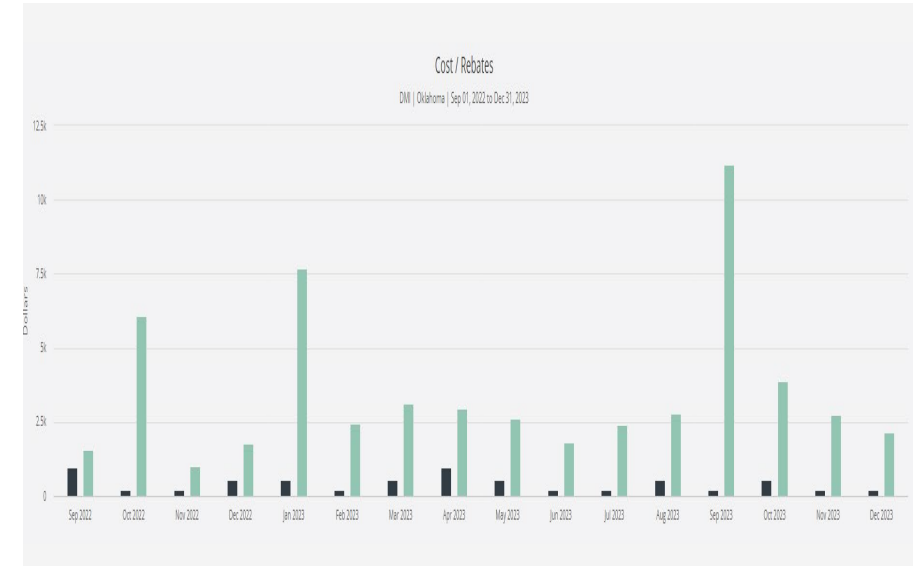
- A key component in achieving TRUE certification is diversion. A company must divert 90% or more of waste from landfills or incineration.
- DMI Wagoner has achieved a 90.4% diversion rate! DMI tracks both our diversion totals and visualizes its environmental equivalent.
- We aim to increase this rate by at least one percent in 2024.



Sample of tracking waste visualization

Credit Category: Zero Waste Purchasing

- The purchasing policy adopted by DMI Companies encompasses our values and strongly supports sustainability and zero waste practices. Our policy, beginning in 2018, is a guide for purchasing agents to follow for all acquisition of all manufacturing materials and supplies.
- The policy gives preference to green alternatives such as:
 - Sustainably produced paper and wood products
 - Durable goods over the purchase of disposable
 - Used, refurbished, or remanufactured goods over brand new products
- These guidelines will decrease our impact on the environment and assist with reducing the generation of waste. Financial tracking submittal documents are also tracked.



Cost and Rebates Wagoner Plant

Credit Category: Leadership

- We continue to grow by developing products and technologies that benefit society and reduce the impact of our manufacturing process. To be successful, each employee is encouraged to consider their daily actions as they relate to each task from safety, to compliance, and all business practices with a focus on environmental consciousness.
- We have had a zero waste to landfill goal for the past two years at our Wagoner, Oklahoma, factory with a zero waste goal across all DMI Companies for the last decade. As we aim to annually achieve this goal, we continue to learn and develop strategies and objectives as they relate to our zero waste goals.
- As DMI grows, our goals still include zero waste but also generating less waste overall and reducing our carbon footprint.



Wagoner Team During Zero Waste Meeting

Credit Category: Training

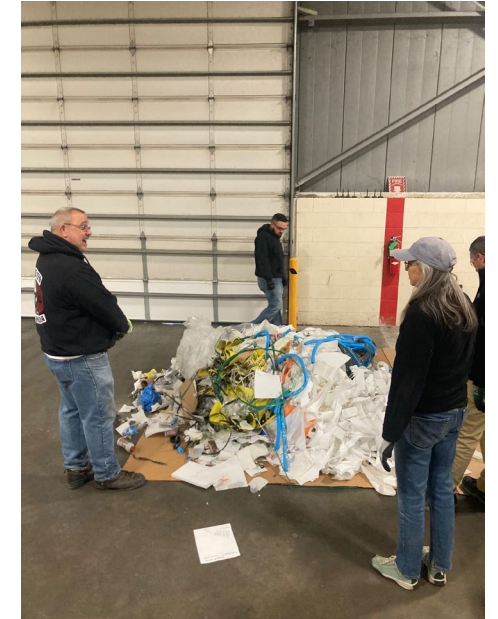
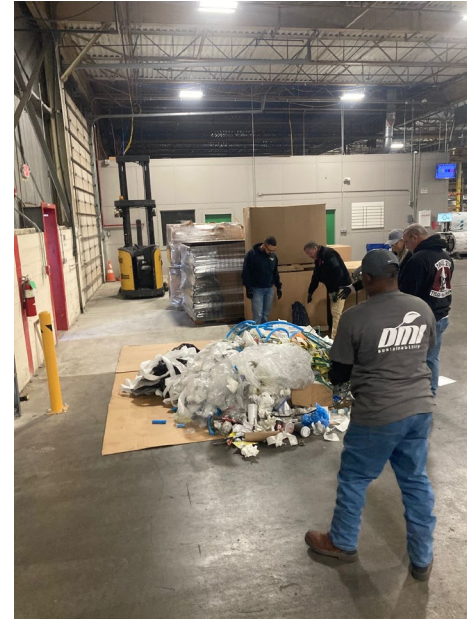
- New employees at all locations are given a Sustainability presentation that provides both a high-level overview as well as plant specific operations.
- This orientation consists of a 30-minute presentation in which all new hires, both union and non-union, are engaged by the Sustainability Specialist. These presentations consist of an overview of the mission statement, company zero waste policy, and the role of new employees in the continued success of DMI and its zero waste goals.
- The Sustainability Department engages quarterly with employees in various ways. Information is distributed through discussions, tool-box talks, and written communications. There are also monthly meetings with crew leaders to discuss ongoing initiatives, solutions and potential strategies for success.
- Additionally, DMI Sustainability publishes a monthly article to engage our staff and employees on zero waste and general sustainability news as it pertains to our operations.



Slide from Training Presentation on Zero Waste for New Hires

Credit Category: Zero Waste Analysis

- To ensure both internal and external compliance, we audit and analyze the waste streams throughout the year. We have dedicated personnel that are responsible to ensuring that each receptacle has the correct and accepted items.
- With the assistance of VIA Recyclables and Melinda Caldwell, DMI was able to conduct a zero waste audit in October 2022. Working with office staff, the plant superintendent, production managers, and material handlers, DMI employees sifted through one weeks' worth of waste to capture a snapshot of the average work week waste produced. This activity allowed us to separate the materials into seven different categories.



Waste Audit Photos

Credit Category: Upstream Management

- To reduce single use packaging, we have worked with many vendors and asked them to send our shipments only in recycling or reusable materials.
- Factory operations puts a focus on the reuse of shipping materials whether it be to use in DMI's outbound orders or returning packing to the vendor for reuse.
- Since sustainability has been embedded into our culture, both our receiving and shipping departments are on alert if packaging materials are non-recyclable or unknown items.
- Purchasing keeps in open dialog with all vendors to discuss our sustainability efforts and any changes that should be implemented.



Wooden Crates used for shipping product after receiving materials for production.

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"Sustainability and environmental stewardship are the keys to our success in the development and production of our products and culture in and around DMI Companies. Through continued responsible environmental efforts, DMI has led the way for our employees and locations to maintain and continue to develop healthy relationships with the environments where we do business."

- *Edwin Hart, Sustainability And Environmental Compliance Specialist*

Zero waste is our mission
true.gbci.org