



BINGHAM & TAYLOR
Proudly Made in the USA

2023 CORPORATE SUSTAINABILITY REPORT

Our Values: C²ARES
Collaborative, Creative, Accountable,
Respectful, Excellent, and Sustainable

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Bingham & Taylor's Corporate Sustainability Mission Statement



At Bingham & Taylor, we strive to consistently create long-term sustainable products in the utility, transportation, and industrial sectors while committing to the principles of ESG (Environmental, Social, and Governance). We design and responsibly manufacture quality products to deliver clean drinking water and safely transport natural gas by providing easy and secure access to underground utilities.

Our vision for reducing environmental impacts includes a range of improvements from small projects — replacing plastic water bottles with sustainable refillable bottles — to a multi-million-dollar project transitioning to cleaner electric induction furnaces from antiquated coke-fired units. This has radically changed how we manufacture our iron products. With the new electric furnaces, we will see a substantial reduction in emissions and waste as well as energy use in making our products.

We have committed resources over recent years to ensure a safe workplace for our employees. Significant improvement projects have been completed at our three US-based manufacturing facilities: cast iron foundry (Culpeper), injection-molded plastics, and blow-and roll-molded plastics (Fredericksburg). The evidence of this work can be seen in our safety metrics with numbers that exceed industry standards. Our goal is for our employees to be excited to come to work knowing that they support vital industries that also keep others safe.

We are proud of our new light-weight plastics valve and curb boxes line of products at our molded plastics sites which have made installation easier. We have expanded the production capacity in Culpeper, which resulted in adding 32 hourly and 13 salaried/professional jobs into the local community.

We are a company founded upon the principles of being collaborative, creative, accountable, respectful, excellent, and sustainable. We have a history of moving the industry forward by listening to our customers and constantly working towards new approaches to every step of our process. We believe that if you're not moving forward, you're falling behind.

A stylized, handwritten signature in white ink, appearing to read 'L. Grondin'.

Laura Grondin

President & Chief Executive Officer, Bingham & Taylor

Bingham & Taylor – Sustainability Accomplishments Quantified

ENVIRONMENTAL EXCELLENCE

Air Emissions Reductions

- 93% reduction in Particulate Matter (PM) emissions per ton of metal melted.
- 100% elimination of VOC, CO, SOx, and NOx emissions from metal melt process by elimination of coke as fuel source.
- 43% reduction in kWh/ton metal melted when comparing Electric Induction (EI) furnaces electricity usage to the coke-fired furnaces.

Waste Stream Reduction

- 52% less sand and slag generated per month from foundry operations.
- 79% less particulate filtrate per year from EI Furnaces compared to cupola fly ash.
- 100% recycled scrap iron at the foundry.
- 30% of the plastic used in manufacturing is recycled materials.

Reduced Carbon Footprint

- 23,600 tons of annual CO₂ emissions eliminated.

EMPLOYEES AND GOVERNANCE

- 77% reduction in total recordable incident rates (TRIR) resulting from equipment improvements.
- 81% reduction in the days away restricted time (DART) because of reduced physical hazards.
- Greater than \$2 million invested in equipment and infrastructure to achieve OSHA indoor air quality standards.
- 60% reduction in silica concentrations due to improved air handling and make-up systems to achieve OSHA indoor air quality standards.
- 50% hooded ventilation systems on sand conveyance systems to achieve OSHA indoor air quality standards.

Products and Production

Reduced plant-wide downtime with the installation of the new EI furnaces at Culpeper from 2021 to 2023 resulting in the following changes:

- 31% improvement in lbs./labor hour efficiency;
- 21% more product cleaned in 6% less labor hours; and
- 13% reduction in scrap rate.

Environmental Excellence

Bingham & Taylor and its employees are committed to protecting air, water, and land resources while being mindful of recycling opportunities.



Air Emissions Reductions

Two new Electric Induction (EI) furnaces were installed at the Culpeper facility within recent years which replaced the older cupola style coke-fired furnace. Because a direct fuel combustion source is not needed for the induction furnaces, emissions of nitrogen oxides (NO_x), sulfur oxides (SO_x), carbon monoxide (CO), and volatile organic compounds (VOCs) have been eliminated from metal melting.

Emissions of Particulate Matter (PM) has also been reduced by 93% per ton of metal melted. And, with the increased efficiency of the new EI furnaces, the amount of energy required per ton of metal melted has decreased by 43%.

In conjunction with the new EI furnaces project, new baghouse air emissions control equipment has been installed to control dust and particulates. Emissions from the EI furnace are now directed

to a new baghouse which removes 99% of PM. Separately, a new baghouse has been installed on a process that uses sand for the iron molds (i.e., the Muller and sand system) and associated conveyors which also removes 99% of PM. A former baghouse was refurbished to collect particulates from the Didion rotary drum to further reduce dust emissions that would have otherwise been emitted to the atmosphere.



Waste Stream Reduction

Because of recent plant upgrades, Bingham & Taylor is now generating 52% less sand and slag waste per month. In addition, the amount of particulate filtrate has been reduced by 79% per year from the electric induction furnaces when compared to cupola fly ash.

Bingham & Taylor uses 100% recycled scrap at the foundry to manufacture its finished products. At the injection and blow molding production sites, up to 30% of the plastic used in manufacturing is recycled materials. Other recycling activities included the replacement of plastic water bottles with

refillable bottles and hydration stations. Thousands of tons of waste have been eliminated by these recycling efforts.

Reduced Carbon Footprint

By converting from coke-fired furnaces to EI Furnaces for iron operations, Bingham & Taylor

has eliminated 2,800 Tons of CO₂ produced per year.

Also, by converting to the EI Furnaces, the foundry improved energy efficiency from 1,158 to 657 kWh/ton metal melted.

Employees and Governance

Bingham & Taylor values its employees and considers them to be essential to our success. The programs that have been implemented at Bingham & Taylor are important to protecting our workers and helping them grow as individuals.

Health & Safety Metrics

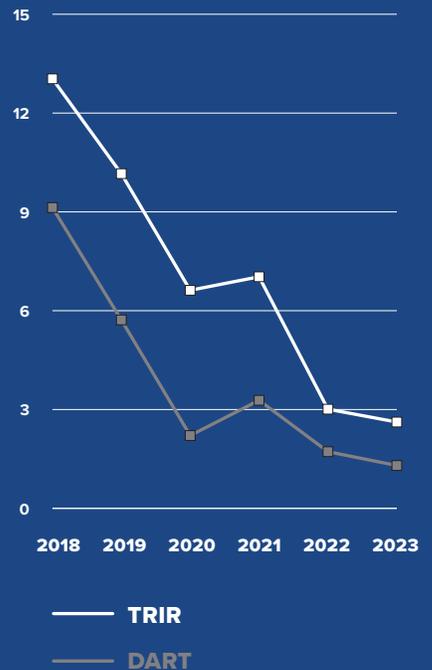
Management has committed to and implemented significant equipment and operational upgrades which have resulted in improvements in Health & Safety (H&S) metrics. Over the last 5 years, Total Recordable Incident Rate (TRIR) has decreased by 77%, Days Away Restricted Time (DART) has decreased by 81%, and both the TRIR & DART are currently 4x lower than industry rate averages.

Improved Indoor Air Quality

Equipment upgrades and new systems have been installed at the foundry to improve the air quality inside the Culpeper facility. Several sources have been identified for improvements, including sand handling systems and grinding/cleaning operations.

Due to the high volume of sand used in the foundry molds, worker exposure to silica is an on-going concern. As such, hooded ventilation systems have been installed on 50% of sand conveyance systems which direct the collected air stream to a new baghouse unit. Two new industrial vacuum systems have been installed for efficient sand cleanup. These systems minimize employee exposure. New molding technology has substantially reduced sand spillage which has eliminated the need for cleanup around this equipment. Based on these improvements, silica concentrations have decreased by 60% from 2018 to 2023.

TRIR AND DART REDUCTIONS



Reduction in Physical Hazards

Molded plastic and iron foundry manufacturing operations include many potential physical hazards. Bingham & Taylor has made significant equipment improvements to address these risks to our employees.

To achieve the Health & Safety metrics noted above, Bingham & Taylor has made equipment improvements to address these hazards. Mechanical equipment guarding has been replaced with modern safety light curtains and area scanners on mold core machines. These upgrades immediately shut down equipment when the light plane is broken while allowing unobstructed access to machine components, as needed.

Other improvements included the installation of a robotic welder at the foundry which replaced a mechanical system eliminating direct employee exposure to fumes and molten metal.

Forklifts are an essential part of many industrial operations. However, if not maintained and operated properly, they can be a hazard to drivers as well as others in the same working areas. Bingham & Taylor has recently

modernized its fleet of forklifts with a data monitoring system which automates certain functions to keep employees safe. These functions include mandated forklift safety inspections, monitoring of impacts to help reduce accidents, and reinforced training through on-screen safety reminders. Other features include electronic management of driver's certifications and forklift access to prevent unauthorized operation.



Diversity and Opportunities in the Workforce

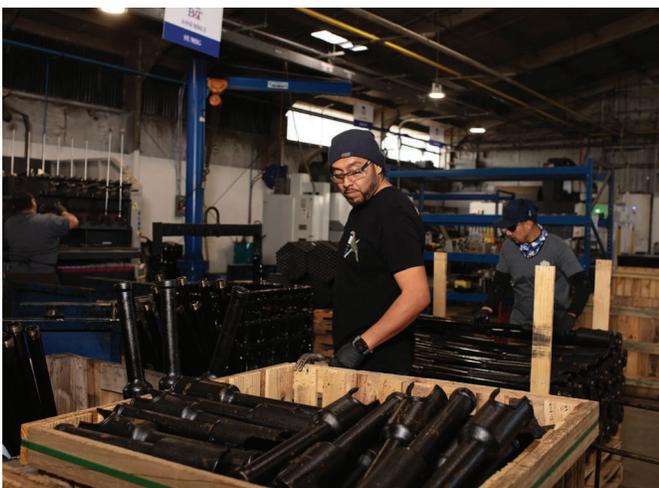
Bingham & Taylor is a certified woman-owned business enterprise (WBE) servicing the needs of utility providers throughout the US.

A diversified workforce has developed at each of Bingham & Taylor's locations that is representative of the surrounding communities. Bingham & Taylor has created a culture where employees are valued by "promoting from within" to reward individual's efforts and grow their careers.

Community Involvement

The goal of Bingham & Taylor is to bring positive change to the communities in which they operate and to their business. Bingham & Taylor provides support as a business partner to several community activities inclusive of local students at science,

technology, engineering, and mathematics (STEM) activities in Culpeper. Financial help is provided to local fire departments to assist with paying for equipment, apparatus, training, etc. Community activities, such as local concerts and festivals, are also financially supported by Bingham & Taylor.



Products and Production

All of Bingham & Taylor's products are proudly made in the USA and meet Build America Buy America (BABA) and American Iron and Steel (AIS) standards, which specify that all iron products and construction materials used in federally funded infrastructure projects be produced in the United States.

As part of the efforts to provide clean, lead-free water to individuals in the United States, infrastructure improvements will include Bingham & Taylor's plastic and iron-based products.

Plastic Products

Light-weight plastic products allow for manual installation without the need for heavy equipment, reducing the potential for injuries. Bingham & Taylor's redesigned curb and

valve boxes are made of heavy-duty plastic that are thick-walled structures with high strength.

An all-white acrylonitrile butadiene styrene (ABS) is used to manufacture plastic products, which increases the visibility inside the box for utility workers. The injection molding resin used is a high-strength polypropylene that is specifically formulated for Bingham & Taylor and includes additives for criteria such as UV

protection, impact resistance, and chemical resistance.

Foundry Iron Products

Traditional iron foundry utility products are designed for allowing safe access downstream once the lines are closed. Additional safety elements allow for lock-out/tag-out in the "sentinel" products to restrict utility access to keep individuals downstream safe.



Industry Affiliations

Bingham & Taylor is proud to play an active part in the industries we serve and to be affiliated with numerous national and regional organizations.

Our technical experts have established strong working relationships with others in the water and gas industries, ensuring that customers receive qualified technical advice and recommendations, and the products are of the highest quality standard.

Optimized Production

Plant-wide downtime has been substantially reduced with the installation of the new EI furnaces at Culpeper. The following improvements have also been realized from 2021 to 2023:

- 31% improvement in lbs./labor hour efficiency;
- 21% more product cleaned in 6% less labor hours; and
- 13% reduction in scrap rate.

National Organizations



Regional and Local Associations



Goals

As Bingham & Taylor looks to the future, goals have been developed as part of a 5-year plan to work towards achieving the following:

- Continue to ensure the delivery of clean drinking water and the safe transportation of natural gas resources by facilitating easy and secure access to underground utilities.
- Persist in adhering to environmental, health, and safety regulations while exceeding their minimum program requirements.
- Reduce air emissions to eliminate the need for federal and state Title V Air Permits.
- Reduce Volatile Organic Compound (VOC) usage by conversion from mineral-based to water-based materials.
- Expand automation to continue to reduce employee health and safety risks.
- Actively recruit and foster a diverse workforce.



BINGHAM & TAYLOR

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OWNED™**

All of our products meet
BABA/AIS standards

