

SUSTAINABLE IRON CASTING



94% OF METALS USED TO PRODUCE CASTINGS ARE FROM RECYCLED MATERIALS

70%

of sand is recycled for external use in roads, construction and agriculture.

More than **800,000** lbs of sand is reused internally

A CLOSED LOOP COOLING SYSTEM REDUCES WATER DEMAND

90%

THATS AT LEAST

225,000
GALLONS
DAILY

WAUPACA FOUNDRY TO REDUCE WATER CONSUMPTION BY 2020 BY

80%

HEAT FROM THE CUPOLA IRON-MELTING PROCESS IS USED TO PROVIDE

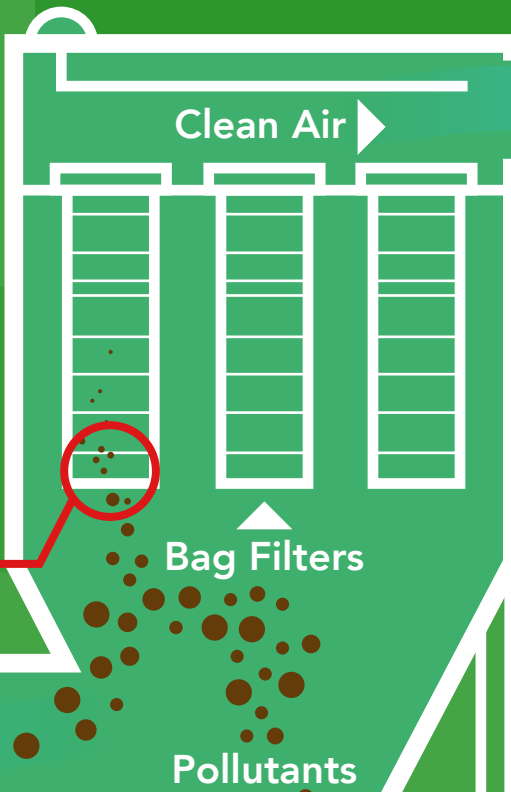
70% OF SPACE HEATING AND 100% OF HOT WATER*

HEAT RECOVERY PROJECTS HAVE REDUCED ENERGY USE BY 20%

Energy reduction projects have led to a 65.3 million kwh decrease in Waupaca's carbon footprint.

AIR POLLUTION IS CONTROLLED THROUGH ADVANCED BAGHOUSE FILTRATION TECHNOLOGY

Bag Leak Detection Probes have improved efficiency of the baghouse air filtration system. They are so sensitive they can register microscopic pollutant particles not captured by the baghouse filters.



Optimized data proactively monitors the status of baghouse operations and environmental emissions.

WAUPACA FOUNDRY HAS SHOWN THAT SUSTAINABLE MANUFACTURING IS NOT ONLY POSSIBLE, BUT EFFICIENT AND COST EFFECTIVE