



**October 2023**

### **Algoma Steel Inc. LEED Credit Supporting Information**

Sustainability, with respect to the Canadian Green Building Council's Leadership in Energy and Environmental Design (LEED ®) credit categories for construction products, are supported by the Algoma Steel Inc. (Algoma Steel) manufacturing process and consistent with our [Health, Safety and Environment Policy](#).

Algoma Steel is an integrated steel producer based in Sault Ste. Marie, Ontario, Canada. Revenues are derived primarily from the manufacture and sale of hot and cold rolled steel products, including hot and cold rolled sheet and plate.

The following information is updated annually and intended to support various credit categories for the LEED certification process.

With respect to responsible sourcing of raw materials, the average recycled content of Algoma Steel products ranges from 21 to 25%, typically made up of 5 to 10% post-consumer and 90 to 95% post-industrial scrap. Algoma Steel products are currently made using the Basic Oxygen Furnace (BOF) process.

Additionally, Algoma Steel recycles over 500,000 metric tonnes of steel scrap annually. This practice reduces Algoma Steel overall operational carbon footprint by attaining in the range of 75-80% self-efficiency by supplying its own post-industrial scrap from internal recovery practices. 100% of external scrap steel requirement are sourced from Canada and the United States. Of that, in 2022, 18% was U.S. sourced material; shipped to the manufacturing facility in Sault Ste. Marie Ontario by lake vessel from the Port of Holland, Michigan, and the rest by truck and rail (~ 550 km). 47% was Canadian-sourced from southern Ontario and shipped to the manufacturing facility in Sault Ste. Marie from Hamilton and Cambridge, Ontario (~700 km); 36% was Canadian-sourced from Northern Ontario. Overall, 40% was shipped by rail, 9% by lake vessel and 51% by truck.

Our raw material inputs are sourced similarly. In 2022, 45% of our iron ore was extracted from Ishpeming, Michigan. 5% was shipped by lake vessel via the port of Marquette, Michigan and 95% was shipped by rail directly from Ishpeming. 100% of our iron ore from Minnesota was shipped by lake vessel. The extracted iron ore input represents approximately 64% of total raw steel produced.

100% of our coal is extracted from the coal ranges of West Virginia and Kentucky, United States and is sent by rail to the ports of Sandusky and Toledo, Ohio, on Lake Erie, and from there by lake vessel to our manufacturing facility in Sault Ste. Marie, Ontario. The extracted coal inputs represent approximately 22% of total raw steel produced.

Dolomite Stone is extracted in Drummond Island or Cedarville Michigan and Limestone is extracted in Calcite or Port Inland Michigan, from there 100% is shipped by lake vessel to our manufacturing facility in Sault Ste. Marie, Ontario. The extracted limestone input represents approximately 3.5% of

total raw steel produced. On a tonne per tonne basis, the total of regionally extracted material inputs contribution compared to raw steel production equates to 95.4%.

Algoma Steel encourages consumers to consider non-traditional credit categories where steel products, because of their strength, durability, formability, and functionality are able to minimize on-site waste, minimize disruption to greenfield areas as they are manufactured off site,

We trust this document supports information required to obtain credits in various categories towards LEED certification.

We would be pleased to answer any additional questions that might arise.

Fred Post



Manager, Environment Control – Algoma Steel Inc.