

STANDARD FOR COMMODITIES WITH A VERIFIED CARBON FOOTPRINT: ALUMINIUM

- 1. Scope.** This standard applies to aluminium, including primary and secondary aluminium and also to commodities with an aluminium content exceeding 95% by mass. The rules for implementing this standard are governed by the Policy for Development of Organized Trading of Commodities with a Verified Carbon Footprint by the Saint Petersburg Mercantile Exchange (Order No. 914/23 dated November 1, 2023, as amended by Change No. 1 approved by Order No. 274/24 dated March 19, 2024).
- 2. Recommended approaches for Carbon Footprint Assessment and Verification:** The industry-standard methodology for carbon footprint assessment by The International Aluminium Institute (IAI) - Aluminium Carbon Footprint Methodology Good Practice for Calculation of Primary Aluminium and Precursor Product Carbon Footprints v 2.0, August 2021).
- 3. Quantitative Criteria and their interpretation.**

Quality characteristics of the commodity		Carbon Footprint, MT CO ₂ -equivalent per MT of commodity weight	
		Scope 1+2*	Cradle-to-gate**
Baseline carbon footprint		> +4	> +8
Low carbon footprint	Reduced carbon footprint	> +1,5 ≤ +4	> +4 ≤ +8
	Ultralow carbon footprint	≤ +1,5	≤ +4

Notes:

* Scope 1 and 2 include greenhouse gas emissions from the primary metal smelting stage (production processes and energy consumption from external sources)/

** Includes the carbon footprint of mining and transportation of aluminum ores (bauxite/nepheline), production and transportation of alumina, and primary metal smelting.