



CERTIFICATIONS

Fiber

PEFC Chain of Custody
FSC® Chain of Custody

Certification No.

KPMG-PEFC-COC-2438.01
KF-COC-001020

Expiration Date

September 27, 2027
October 16, 2027

Quality and Environmental

ISO 9001:2015
ISO 14001:2015

0115001
0113315

February 24, 2024
January 22, 2024

Food Grade

ISEGA
US-FDA

Standard

BfR XXXXV1 and BfR XXXV1/1
21 CFR 176.170 and 176.180

December 5, 2024
December 5, 2024

RESPONSIBLE FIBER SOURCING

Mercer Celgar Limited Partnership processes 2.3 million cubic meters of wood to produce softwood pulp. As Mercer is committed to sustainable forest management and wood sourcing, the fiber used at Mercer Celgar comes from forest operations that meet the requirements of PEFC and FSC® Chain of Custody standards.

Mercer's sustainability approach not only includes sourcing fiber from well-managed forests, but also encompasses those in the supply chain who work in the forest and forest products industry. Mercer has adopted a comprehensive Due Diligence System to ensure that wood is sourced in compliance with our global Wood and Fiber Procurement Policy.

Our guiding principles are to:

- harvest and purchase wood in compliance with applicable laws and regulations;
- work to maintain long-term supplier relationships;
- include, respect and foster relationships with small landowners, as well as Indigenous Communities;
- live and promote the highest standards of work safety;
- and strive for the lowest possible carbon footprint.

For more information, visit www.mercerint.com

Environmental Product Declaration 2023

2022 ENVIRONMENTAL PARAMETERS

Fossil Fuel Greenhouse Gas Emissions

281 kg CO₂-e/ADMT - Scope 1 GHG Emissions

Renewable Electricity

100% of the electricity required for our pulp mill operation is biomass energy generated from the mill's biofuel.

Energy Efficiency

39.64 GJ/ADMT of which 81% is from renewable biomass energy.

Water Emissions

BOD ⁵ (kg/ADMT)	0.25
AOX (kg/ADMT)	0.10
Nitrogen (kg/ADMT)	0.15
Phosphorous (kg/ADMT)	0.08
Water Usage (m ³ /ADMT)	117
Total Suspended Solids (kg/ADMT)	1.50

Air Emissions

TRS (kg/ADMT)	0.01
SO ₂ (kg/ADMT)	0.19
Particulate Matter (kg/ADMT)	0.43
NO _X (kg/ADMT)	1.27

Waste Management

Solid waste land filled (kg/ADMT)	20.9
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MILL LOCATION

Castlegar, British Columbia, Canada

PRODUCT PROFILE

NBSK Pulp: 520,000 ADMT/yr

PROCESS DESCRIPTION

Mercer Celgar produces high-quality, bleached and unbleached softwood kraft pulp from many different softwood species in the region. A two-stage oxygen delignification system proceeds the 4 stage ECF (Elemental Chlorine Free) bleach plant.

ECF BLEACHING SEQUENCE

D0 Ep D1 D2

SOFTWOOD SPECIES

- **Cedar** - Thuja plicata
- **Douglas fir** - Pseudotsuga menziesii
- **Engleman spruce** - Picea engelmannii
- **Grand fir** - Abies grandis
- **Lodgepole pine** - Pinus contorta
- **Ponderosa pine** - Pinus ponderosa
- **Subalpine fir** - Abies lasiocarpa
- **Western hemlock** - Tsuga heterophylla
- **Western larch** - Larix occidentalis
- **White pine** - Pinus monticola

Compliance with International Standards

Mercer Celgar pulp is fully compliant with the requirements of the US Lacey Act, EU Timber Regulations, the Australian Illegal Logging Prohibition Act and REACH.



Leading Safety Culture

The protection of human health and personal safety ranks at the highest level of importance to Mercer's operations.

Mercer Celgar operates in a diligent and responsible manner to ensure ZERO HARM to their people through the Road to Zero safety program. Mercer Celgar is dedicated to continuously improving their processes, being individually accountable and promoting comprehensive safety awareness.

Mill Safety Performance (TRIR):

(Incidents /200,000 hrs)

2020: 1.69 | 2021: 1.85 | 2022: 2.41

Science Based Target initiative

Mercer International has responded to SBTi's urgent call for corporate climate action by committing to align with 1.5°C and net-zero through the Business Ambition for 1.5°C campaign.



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Mercer's Fibre Centre - Quality Assurance

Refining is the key process required in paper making to alter fiber characteristics. To support Mercer customers, mill projects, and applied research, Mercer operates a state-of-the-art laboratory refiner simulating the industrial refining process.

Sustainable Forest Management

Mercer Celgar's goal is to responsibly use fiber received from the forests of the Provinces of British Columbia and Alberta, as well as the Pacific Northwest of the United States. The mill ensures that the values currently contained within the forests remain there for future generations.

Mitigating Climate Change

Mercer is committed to reducing our GHG intensity through continuous investment in technologies for improving energy efficiency, increasing the usage of renewable fuels and through full fiber utilization. Mercer Celgar has made significant capital investments in renewable electricity generation.

In 2022, the mill generated 403 GWh of biomass energy which is enough to power 40,000 homes in the West Kootenay region.

Food Grade Certifications

Mercer Celgar's softwood pulp is manufactured and rigorously tested by independent labs to ensure the pulp meets Food Grade Standards, including US-FDA and European Standards (ISEGA) EC No.1935/2004.



The mark of
responsible forestry



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