

Millennium enacts and Hauler, by delivering OCC Post-Consumer materials to Millennium’s facility, hereby agrees to fully comply with these Old Corrugated Containers (OCC) Specifications. These OCC Specifications are requirements for use of Millennium’s facility and services, and are subject to change, without notice, in Millennium’s sole and absolute discretion.

**Definitions and Requirements**

**Old Corrugated Containers (OCC):** Consists of corrugated containers having liners of kraft, jute, or test liner (ISRI Circular 2014). Printed or unprinted, flattened or compacted corrugated containers which are made of two sheets of linerboard sandwiching a layer of fluting to make what is commonly referred to as a “cardboard box.”

**Material requirements:** Materials likely to have been exposed to unacceptable contaminants must not be used. Outthrows do not exceed 5%. Contaminants do not exceed 1% Contaminants.

**Bale requirements:** All OCC bales must be baled with minimum of 4 wires per bale (10g-13g), weigh at least 800 pounds and must remain intact through load/ship/off-load/storage/stacking. Do not use pallets.

**Moisture:** Bales excessively wet from water or other liquid will result in a weight adjustment<sup>1</sup>.

**Outthrows:** All materials that are so manufactured or treated or are in such a form as to be unsuitable for consumption as the grade specified. Outthrows shall not exceed 5%. Outthrows in OCC loads may include but are not limited to:

- Non Domestic OCC (Asian)
- Chipboard & Boxboard
- Beverage & Carrier Stock
- Cornerboard
- Office & Other Papers
- Books, Catalogs, & Magazines
- Molded Pulp
- Tubes & Cores
- Newsprint

**Prohibitives<sup>2</sup>:** Any materials which by their presence may damage equipment or make the material unusable as the grade specified. Prohibitives shall not exceed 1%. Examples of Prohibitives in OCC loads may include but are not limited to:

- Bottles & Cans
- Mill Wrappers & Headers
- Rubber Objects
- Dirt & Rocks
- Multi-wall Bags
- Styrofoam
- Foil & Metals
- Plastics or Shrink & Stretch Wrap
- Wax OCC
- Glass
- Poly-laminated Board Paper
- Wood

**Unacceptable Contaminants<sup>3</sup>:** Zero Tolerance Waste and other Unacceptable Contaminants that by their presence, in any amount, may pose a threat to human health and safety are not allowed in OCC loads. Primary concerns are for Millennium employees and waste haulers who handle the OCC, as well as for those who may use the final products for things such as food packaging including anything that might contribute to an off odor. Examples of Unacceptable Contaminants in OCC loads may include but are not limited to:

- Regulated Waste
- Hazardous Waste
- Medical Waste
- Poisonous or Dangerous Substances
- Free Flowing Liquids
- Food Waste

Percentages by weight that exceed the defined levels are subject to downgraded in price or rejection<sup>4</sup>.

<sup>1</sup>See *Procedure for Downgrading* in the Policy, Procedure, and Material Specifications

<sup>2</sup> See *General Definitions* in the Policy, Procedure, and Material Specifications

<sup>3</sup> See *General Definitions* in the Policy, Procedure, and Material Specifications

<sup>4</sup> See *Grades, Descriptions, Payments and Fees* in the Policy, Procedure, and Material Specifications