



Environmental Claim Validation Procedure (ECVP)

Environmental Claim Validation Procedure (ECVP) for Recycled Content

UL ECVP 2809-2



Summary of Topics

This is the Third Edition of the Environmental Claim Validation Procedure (ECVP) for Recycled Content, UL ECVP 2809-2, dated 12/17/2025.

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Tracking of versions:

Version	Comments	History
1.0	Release	04/06/2023
2.0	Revision	11/07/2023
2.1	Editorial Changes	20/01/2024
3.0	Revision	12/17/2025

Tracking of past versions of UL ECVP 2809:

The series of standards of UL ECVP 2809-1 to UL ECVP 2809-4 is a revision of UL ECVP 2809 for Recycled Content, Edition 5. The tracking of past UL ECVP 2809 versions is listed below.

Version	Comments	History
1.0	Release	11/14/2012
2.0	Revision	05/14/2014
3.0	Revision	4/28/2017
4.0	Revision	7/19/2019
5.0	Revision	3/23/2020

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Introduction

1.0 GENERAL

1.1 This procedure outlines the measurement of pre-consumer and/or post-consumer “Defined Source” material content in raw materials, manufactured products and components of manufactured products. Additional Defined Sources included in this procedure are reused components and refurbished components. The requirements and definitions from UL 2809-1 concerning supply chain management and applicable Chain of Custody models are to be applied.

1.2 The goal of using any of these content claims is to extend the life of materials and reduce consumption of natural resources, thus providing substantial environmental benefit and encouraging the circular use of materials.

1.3 This Environmental Claim Procedure does not address whole product lifecycle effects and environmental tradeoffs, health and safety regulations, and is not intended to replace any applicable legal regulations.

2.0 SCOPE

2.1 This procedure provides a framework for the evaluation and validation of recycled content claims in manufactured products when such claims are based on supply chains using Chain of Custody model described in UL2809-1.

3.0 UNITS OF MEASUREMENT

3.1 For the purposes of this procedure, values shall be reported in accordance with the requirements of the individual criterion. If the manufacturer's choice of unit deviates, that change shall be documented and justified as to the reason and relevance for that change.

4.0 UNDATED REFERENCES

4.1 Any undated reference to a code or standard appearing in the requirements of this procedure shall be interpreted as referring to the latest edition of that code or standard.

5.0 GLOSSARY

5.1 Claim Validation

For the purpose of this claim validation procedure, the following definitions apply.

Definitions in 5.4, 5.5, 5.6, 5.7, and 5.8 were adapted by UL from Environmental labels and declarations – Self-declared environmental claims (Type II environmental labeling), ISO 14021 Ed. 2 b:2016, with permission of the American National Standards Institute (ANSI) on behalf of the International Organization for Standardization. All rights reserved.

5.2 CLOSED LOOP SYSTEM – A system in which materials, after the intended use, are reclaimed, returned to and reused at the same material technical application equivalence or performance specifications as when the material was first used.

5.3 BRAND CLOSED LOOP SYSTEM – A system in which materials, after the intended use, are reclaimed, returned to and reused by the same brand and at the same material technical application equivalence or performance specifications as when the material was first used.

5.4 PRE-CONSUMER (POST-INDUSTRIAL) RECYCLED MATERIAL – Material that has never reached the end user, having been diverted from the waste stream during a manufacturing process. Excluded is the reutilization of materials generated in a process and capable of being reused as a substitute for a raw material without being modified in any way.

5.5 POST-CONSUMER RECYCLED MATERIAL – Material that has reached its intended end user, and which is no longer being used for its intended purpose.