



UL 2809

Environmental Claim Validation Procedure (ECVP) for Recycled Content

Environmental Claim Validation Procedure (ECVP) for Recycled Content, UL 2809

Fifth Edition, Dated March 23, 2020

Summary of Topics

This revision to the Environmental Claim Validation Procedure (ECVP) for Recycled Content, UL 2809, dated April 29, 2021 has been issued to update the calculation criteria and the Acceptable recycled content claim wording.

Subject to these terms and conditions and those in any other agreements between you and UL Environment, Underwriters Laboratories Inc. (UL) and/or their representatives, you are hereby granted a limited, non-exclusive, non-transferable license to use the ECVP solely for your internal, non-commercial business purposes. The ECVP is not being sold, and other than the limited license granted herein UL retains all rights, title and interest (including exclusive ownership) in the ECVP and all copyright therein. UL reserves the right to regain possession of the ECVP from you at any time. When no longer needed, you agree to destroy the ECVP (if in hardcopy form) or delete and purge the ECVP from your files (if in electronic form). No part of the ECVP may be reproduced, modified, stored in a retrieval system, or transmitted in any form by any means, whether electronic, mechanical photocopying, recording, or otherwise without prior written permission of UL or UL Environment. You further agree not to create any derivative works from the ECVP or remove or alter any copyright or other proprietary notices in the ECVP. The limited license to use the Standard shall automatically terminate upon your breach of any of the terms and conditions herein or any other agreement between you and UL, UL Environment and/or their representatives.

UL Environment provides this ECVP "as is" without warranty of any kind, either expressed or implied, including but not limited to, the implied warranties of merchantability or fitness for any purpose.

In no event will UL Environment, UL or any of their affiliates be liable for any special, incidental, consequential, indirect or similar damages, including loss of profits, lost savings, loss of data, or any other damages arising out of the use of or the inability to use this ECVP, even if UL Environment or UL or their authorized representative has been advised of the possibility of such damage. In no event shall UL Environment's or UL's liability for any damage ever exceed the price paid for the license to use this ECVP, regardless of the form of the claim.

Users of the electronic versions of ULE's ECVP for Sustainability agree to defend, indemnify, and hold UL Environment, ULI, their affiliates and each of their respective trustees, officers, employees, agents and representatives harmless from and against any loss, expense, liability, damage, claim, or judgment (including reasonable attorney's fees) resulting from any error or deviation introduced while purchaser is storing an electronic ECVP on the purchaser's computer system.

No Text on This Page

MARCH 23, 2020

(Title Page Reprinted: April 29, 2021)

1

UL 2809

Environmental Claim Validation Procedure for Recycled Content

First Edition – November, 2012

Second Edition – May, 2014

Third Edition – April, 2017

Fourth Edition – July, 2019

Fifth Edition

March 23, 2020

Comments or proposals for revisions on any part of the ECVP may be submitted to UL Environment at any time. Proposals should be submitted via a Proposal Request in Underwriters Laboratories Inc.'s (UL) On-Line Collaborative Standards Development System (CSDS) at <http://csds.ul.com>.

No part of the ECVP may be reproduced, modified, stored in a retrieval system, or transmitted in any form by any means, whether electronic, mechanical photocopying, recording, or otherwise without prior written permission of UL or UL Environment. Neither a printed nor electronic copy of an ECVP (or any copyright or other proprietary notices therein) should be altered in any way. Underwriters Laboratories Inc. retains all rights, title and interest (including exclusive ownership) in the ECVP and all copyright therein, and reserves the right to regain possession of the ECVP at any time. When no longer needed, the ECVP must be destroyed (if in hardcopy form) or deleted and purged from all files (if in electronic form).

I

COPYRIGHT © 2021 UNDERWRITERS LABORATORIES INC.

No Text on This Page

CONTENTS

INTRODUCTION

1	General	5
2	Scope	5
3	Units of Measurement	6
4	Undated References	6
5	Glossary	7

COMPLIANCE, EVALUATION AND ASSESSMENT CRITERIA

6	Byproduct Synergy	8
6.1	General	8
6.2	Qualified by-product materials	9
7	Reuse	9
7.1	General	9
7.2	Reuse system requirements	9
8	Refurbish	9
8.1	General	9
8.2	Refurbished system requirements	9
9	Closed Loop	9
10	Ocean Plastic and/or Ocean-Bound Plastics Supply Chain Management	10
10.1	General	10
10.2	Informal Supplier	10
10.3	Formal Supply Chain	10
11	Documentation	10
12	Segregated Management of Materials	11
13	Chain of Custody (COC) Between Sites	12
14	Allocation System (Mass Balance or Credit Accounting)	13
14.1	General	13
14.2	Acceptable materials	13
14.3	Defining system and system boundary	13
14.4	Transformations at and within system boundaries	14
14.5	Conversion of credits into and debits out of the system	14
14.6	Transfer between boundaries	15
14.7	Use within final product	16
15	Calculations	16
15.1	General	16
16	Procedure	16
17	Acceptable Claim Wording	17
17.1	General	17
17.2	Defined Source content claims	17
17.3	Closed loop system claims	18
18	Examples	18