

Title: Sustainability Assessment for Mechanical, Electrical, and Plumbing Products

1. Purpose: This standard specifies the process for developing a lifecycle assessment-based product claim for Mechanical, Electrical, and Plumbing assemblies.

2. Scope:

2.1 This standard applies to product assemblies in which multiple raw materials are combined or processed into a single unit.

2.2 This standard is intended for use by manufacturers and by ANSI-accredited program operators and independent verifiers participating in the preparation of a lifecycle assessment-based product claim.

2.3 The process includes:

(a) creating or adopting the necessary product category rules (PCRs)

(b) performing a life-cycle assessment (LCA) in accordance with the PCRs

(c) reporting the LCA results in the product claim document

(d) registering the product claim document for public access

(e) updating PCRs and re-assessing products as needed

2.4 This document is intended to supplement ISO 14025 and related standards where an existing product claim is 1) unavailable for individual components or 2) incompatible with the documentation requirements of the final assembly.