

Best Practices Guidelines for Pre-Check for Consistency with Other Programs

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Background and Purpose

The purpose of this document is to define the parameters of automated pre-checks for consistency with third-party programs. These pre-checks may be conducted as part of publishing a Health Product Declaration (HPD) and the results may appear on the HPD. In HPD versions 2.1, 2.1.1, and 2.2, a LEED rating system version 4 (LEED v4) pre-check was incorporated directly into the HPD Open Standard (Section 2.1.5.2). However, LEED is evolving on a timeframe independent of the revision cycle of the HPD Open Standard, and pre-checks may also be appropriate for other programs in addition to LEED. Therefore, the HPDC Technical Committee moved to create this Emerging Best Practices document to reflect current and emerging best practices in alignment between HPDs and HPD-generated data, and other programs. This document is officially part of the HPD Open Standard, but as a separate document, it may be updated by HPDC independently of new version releases of the HPD Open Standard.

LEED v4 & v4.1 Pre-Check

The LEED v4 & v4.1 Pre-Check is a preliminary indicator of consistency with specific requirements of the LEED v4/v4.1 Materials and Resources credit: Building Product Disclosure and Optimization: Material Ingredients. It consists of a mechanical cross-checking of inventory method; threshold; residuals and impurities; characterized, screened, and identified indicators with the specific requirements of the LEED v4 & v4.1 credits; and check of presence of entries for all fields required by HPD Open Standard. This pre-check does not assess data quality, compliance of the HPD with the HPD Open Standard requirements, or requirements for publication. This pre-check is intended to be carried out by the HPD Builder or other automated programs for producing an HPD.

The LEED v4 & v4.1 Material Ingredients Pre-Check should assess the following.

- **LEED v4 & v4.1 Option 1**
 - For Nested Inventory Method
 - Threshold: can be per product or per material
 - Threshold level: must be 100 ppm or 1,000 ppm for all materials (per-material threshold) or for the entire product (per-product threshold); must be supported by data in Section 2
 - Residuals and impurities evaluation: “Completed” or “Not Completed” “Completed in ___ of ___ Materials in the Products” and explanation provided as defined in Section 2 and Residuals and Impurities Best Practices
 - Characterized: must be “Yes” and must be supported by data in Section 2 and Special Conditions Best Practices if applicable
 - Screened: must be “Yes” and must be supported by data in Section 2 and Special Conditions Best Practices if applicable
 - Identified: may be “Yes,” or “No”



- All data fields required by HPD Open Standard have data present.
- The HPD is Published and available for download in the HPD Public Repository.
- For Basic Inventory Method
 - Threshold: must be per product
 - Threshold level: must be 100 ppm or 1,000 ppm; must be supported by data in Section 2.
 - Residuals and impurities evaluation: “Completed,” “Partially Completed” or “Not Completed” and explanation provided as defined in Section 2 and Residuals and Impurities Best Practices
 - Characterized: must be “Yes” and must be supported by data in Section 2 and Special Conditions Best Practices if applicable
 - Screened: must be “Yes;” and must be supported by data in Section 2 and Special Conditions Best Practices if applicable
 - Identified: may be “Yes,” or “No”
 - All data fields required by HPD Open Standard have data present
 - Published in HPD Public Repository.
- **LEED v4 Option 2**
 - For Basic and Nested Inventory Method
 - Must meet all requirements for Option 1
 - Threshold: must be 100 ppm
 - GreenScreen: must have no Benchmark-1 (BM-1) hazards or List Translator-1 (LT-1) hazards
- **LEED v4.1 Option 2, 100% value**
 - For Nested Inventory Method & Basic Inventory Method
 - Must meet all requirements for Option 1
 - Threshold: must be 100 ppm
 - Third-party verified
 - GreenScreen: must have no Benchmark-1 (BM-1) hazards or List Translator-1 (LT-1) hazards, **OR**
 - At least 75% by weight of the content inventory:
 - Has a BM score, i.e., BM-1, BM-2, BM-3, BM-4, BM-U, **OR**
 - Is entered as a Special Condition
- **LEED v4.1 Option 2, 150% value**
 - For Nested Inventory Method & Basic Inventory Method
 - Must meet all requirements for Option 1
 - Threshold: must be 100 ppm
 - Third-party verified
 - GreenScreen: must have no Benchmark-1 (BM-1) hazards or List Translator-1 (LT-1) hazards, **AND**
 - At least 95% by weight of the content inventory:
 - Has a BM score, i.e., BM-1, BM-2, BM-3, BM-4, BM-U, **OR**
 - Is entered as a Special Condition

Graphic presentation of this information and other details can be found on the HPDC website <http://www.hpd-collaborative.org/leed-v4-credit-achievement/>.



If the requirements are met, the following will be printed on the HPD as appropriate:

- Pre-checked for LEED v4 Option 1.
- Pre-checked for LEED v4 Option 2.
- Pre-checked for LEED v4.1 Option 1.
- Pre-checked for LEED v4.1 Option 2 (100%).
- Pre-checked for LEED v4.1 Option 2 (150%).

If the requirements are not met or the optional pre-check is not conducted, the following will be printed on the HPD:

- No pre-checks completed or disclosed

If the HPD contains a Special Condition material or substance, the requirements of Special Conditions Best Practices guidance must be followed to meet the LEED Pre-Check. Language to be entered in Inventory and Screening Notes regarding LEED is included in Special Conditions Best Practices. See <https://www.hpd-collaborative.org/emerging-best-practices/>.

VERSION CONTROL

DATE	CHANGE
04/18/19	Initial Upload.
7/11/22	Updated document to reflect the addition of LEED v4.1.
7/20/23	Reflects version date of the HPD v2.3 update. Added a new version control table.