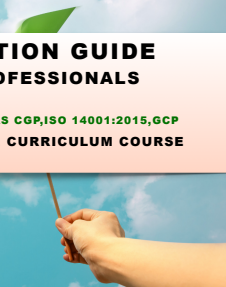


BEYOND
SMART CITIES

**LEED®IMPLEMENTATION GUIDE
FOR CONSTRUCTION PROFESSIONALS**

KRISHNAJI PAWAR, LEED AP BD+C, GSAS CGP, ISO 14001:2015, GCP
SUSTAINABILITY SPECIALIST ONLINE CURRICULUM COURSE



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LEED INFORMATION TOOLS

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LEARNING OBJECTIVES



- LEED Tracking and Reporting Instructions
- LEED Product & Material Submittal Review Process
- LEED Material Transmittal Form
- LEED Tracking Worksheets
- Low Emitting Referenced Standards and Sample Product Info

LEED MATERIAL TRANSMITTAL FORM

Include template form for the collection and transmittal of LEED information. Ensure template transmittal form requests all necessary LEED material information. Include protocol for use of the transmittal form.

The form is divided into several sections: Project Information, Material Information, Material Submittal, and Material Evaluation. It includes fields for project name, location, and dates, as well as checkboxes for material types and evaluation criteria.



LEED TRACKING WORKSHEETS

Include template worksheets for the tracking of credit specific LEED information. Include guidance and protocols on the intended use of the tracking worksheets.



The worksheet includes sections for Project Information, Waste Management, and Waste Tracking. It features tables for recording waste types, quantities, and disposal methods, along with checkboxes for recycling and reuse.

This worksheet is specifically for construction waste management. It includes sections for Project Information, Waste Management, and Waste Tracking, with tables for recording waste types, quantities, and disposal methods.

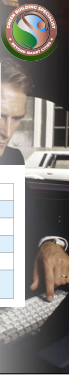


SUMMARY OF LOW EMITTING REFERENCED STANDARDS

Low-Emitting Materials, LEED v4 includes product categories representing all of the major interior surfaces in a building and all of the layers comprising these surfaces.

LEED v4.1 LEM Credit System	
CATEGORIES	
Paints & Coatings	475% by volume or surface area meets CDPH Std. Method V1.2; 100% meets VOC content evaluation
Adhesives & Sealants	475% by volume or surface area meets CDPH Std. Method V1.2; 100% meets VOC content evaluation
Flooring	400% by cost or surface area meets CDPH Std. Method V1.2; or is inherently non-emitting or salvaged materials
Wall panels	475% by cost or surface area meets CDPH Std. Method V1.2; or is inherently non-emitting or salvaged materials. Bulk in cafeteria is excluded
Ceilings	400% by cost or surface area meets CDPH Std. Method V1.2; or is inherently non-emitting or salvaged materials. Overhead structural elements are excluded
Insulation	475% of all insulation meets CDPH Std. Method V1.2; Insulation for HVAC ducts and plumbing pipes are excluded
Furniture	475% of all furniture by cost meets ANSI/BIFMA X7.1 + ANSI/BIFMA X3 Section 7.6.2 (full credit); Section 7.6.2.2 credits are inherently non-emitting or salvaged materials
Composite Wood	400% by cost or surface area is certified as ultra-low-emitting or no added formaldehyde, or is salvaged materials

LEED v4.1 LEM Point System	
LEED POINTS FOR LOW-EMITTING MATERIALS	
2 Product categories	1 Point
3 Product categories	2 Points
4 Product categories	3 Points
5 Product categories	3 Points + Exemplary performance
90% Threshold in all product categories	Exemplary performance, or 1 point if only 1 or 2 points achieved above



SAMPLE PRODUCT INFORMATION

Provide sample compliant product information and/or documentation and cut-sheets for Contractor reference (e.g., carpet adhesive cut-sheet with VOC content for IEAc4.1). It is recommended that the Contractor highlight or circle the applicable information on the product cut-sheet for quick reference.



Certificate of Participation

The Carpet and Rug Institute
Green Label Plus® Carpet Testing Program

Proudly Recognizes

Interflor, Inc., Thailand

Product Category 17X, Identification: GLP2327
Awarded the 18th Day of June 2008

