

# GUIDING PRINCIPLES CHECKLIST

## LEED 2009 for Healthcare

### Introduction:

The attached LEED 2009 for Healthcare (LEED-HC) points are mandatory for a project to be considered sustainable per the *Federal Guiding Principles for High Performance Sustainable Buildings*.

### Application:

- *Major Construction and Renovation (\$10 million or higher)*: checklist must be completed after the certification is awarded (post-construction). Certification by a third-party (LEED or Green Globes) is required.
- *Minor Construction and Renovation (less than \$10 million)*: checklist must be completed after the certification is awarded (post-construction). Verification by a third-party (LEED, Green Globes, or Professional Engineer's stamp) is required.

### Completion:

The checklist may be completed by the contracted project team, but must be verified by the VA Project Manager. The signed version must be retained in the project record.

### Reporting:

A copy of this checklist, signed by the VA Project Manager, must be submitted to:

- *Major Construction*: Facilities Standards Service (OCFM), [SustainableDesign@va.gov](mailto:SustainableDesign@va.gov)
- *Minor Construction*: VA Office of Asset Enterprise Management, [GreenVA@va.gov](mailto:GreenVA@va.gov)

for annual reporting purposes. The checklist must be submitted not later than December 1 of the calendar year in which VA received the third-party certification.

### VERIFICATION

I hereby verify that this project, INSERT PROJECT TITLE HERE , meets all of the required LEED 2009 for Healthcare points (attached) and therefore complies with the *Federal Guiding Principles for High Performance Sustainable Buildings*.

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PRINTED NAME:

DATE

VA PROJECT MANAGER TITLE:

VA PROJECT MANAGER EMAIL:

VA PROJECT MANAGER PHONE NUMBER:

PROJECT TITLE: \_\_\_\_\_

FACILITY NAME: \_\_\_\_\_

LEED-HC Credit	Description	Guiding Principle
<b>Sustainable Sites</b>		
<input type="checkbox"/> Prerequisite 1	Construction Activity Pollution Prevention	IV.E
<input type="checkbox"/> Credit 6.1	Stormwater Design – Quantity Control	III.B.2
<input type="checkbox"/> Credit 6.2	Stormwater Design – Quality Control	III.B.2
<b>Water Efficiency</b>		
<input type="checkbox"/> Prerequisite 1	Water Use Reduction	III.A
<input type="checkbox"/> Prerequisite 2	Minimize Potable Water Use for Medical Equipment Cooling	III.C
<input type="checkbox"/> Credit 1	Water Efficient Landscaping	III.B.1
<b>Energy and Atmosphere</b>		
<input type="checkbox"/> Prerequisite 1	Fundamental Commissioning of Building Energy Systems	I.B
<input type="checkbox"/> Prerequisite 2	Minimum Energy Performance	II.A.1
<input type="checkbox"/> Prerequisite 3	Fundamental Refrigerant Management	V.E
<input type="checkbox"/> Credit 1	Optimize Energy Performance (select one option below)	II.A.2
	<input type="checkbox"/> Improve by 20% for Major Renovation <b>ONLY</b> (minimum requirement for major renovation)	
	<input type="checkbox"/> Improve by 22% for Major Renovation <b>ONLY</b>	
	<input type="checkbox"/> Improve by 24% for Major Renovation <b>ONLY</b>	
	<input type="checkbox"/> Improve by 30% NC (26% for Major Renovation) (minimum requirement for new construction)	
	<input type="checkbox"/> Improve by 32% NC (28% for Major Renovation)	
	<input type="checkbox"/> Improve by 34% NC (30% for Major Renovation)	
	<input type="checkbox"/> Improve by 36% NC (32% for Major Renovation)	
	<input type="checkbox"/> Improve by 38% NC (34% for Major Renovation)	
	<input type="checkbox"/> Improve by 40% NC (36% for Major Renovation)	
	<input type="checkbox"/> Improve by 42% NC (38% for Major Renovation)	
	<input type="checkbox"/> Improve by 44% NC (40% for Major Renovation)	
	<input type="checkbox"/> Improve by 46% NC (42% for Major Renovation)	
	<input type="checkbox"/> Improve by 48% NC (44% for Major Renovation)	
<input type="checkbox"/> Credit 2	On-Site Renewable Energy	II.B
	<input type="checkbox"/> 7.5% renewable energy (minimum requirement)	
	<input type="checkbox"/> 10% renewable energy	
	<input type="checkbox"/> 20% renewable energy	
	<input type="checkbox"/> 30% renewable energy	
	<input type="checkbox"/> 40% renewable energy	
	<input type="checkbox"/> Renewable energy not lifecycle cost effective	

### Energy and Atmosphere (continued)

- |                                   |   |     |
|-----------------------------------|---|-----|
| <input type="checkbox"/> Credit 3 | Enhanced Commissioning                                  | I.B |
|                                   | <input type="checkbox"/> Option 1 (minimum requirement) |     |
|                                   | <input type="checkbox"/> Option 2                       |     |
| <input type="checkbox"/> Credit 4 | Enhanced Refrigerant Management                         | V.E |

### Materials and Resources

- |   |   |           |
|---|---|-----------|
| <input type="checkbox"/> Prerequisite 1 | Storage and Collection of Recyclables                                   | V.D       |
| <input type="checkbox"/> Credit 2       | Construction Waste Management (select one option below)                 | V.D       |
|   | <input type="checkbox"/> 50% recycled or salvaged (minimum requirement) |           |
|   | <input type="checkbox"/> 75% recycled or salvaged                       |           |
| <input type="checkbox"/> Credit 3       | Sustainably Sourced Materials and Products<br>(select one option below) | V.A-C     |
|   | <input type="checkbox"/> 10% of total material (minimum requirement)    |           |
|   | <input type="checkbox"/> 20% of total material                          |           |
|   | <input type="checkbox"/> 30% of total material                          |           |
|   | <input type="checkbox"/> 40% of total material                          |           |
| <input type="checkbox"/> Credit 5       | Furniture & Medical Furnishings (select one option below)               | IV.D, V.B |
|   | <input type="checkbox"/> 30% of total material (minimum requirement)    |           |
|   | <input type="checkbox"/> 40% of total material                          |           |

### Indoor Environmental Quality

- |   |   |      |
|---|---|------|
| <input type="checkbox"/> Prerequisite 1 | Minimum Indoor Air Quality Performance  | IV.A |
| <input type="checkbox"/> Prerequisite 2 | Environmental Tobacco Smoke Control   | IV.F |
| <input type="checkbox"/> Credit 3.1     | Construction IAQ Management Plan - During Construction                        | IV.E |
| <input type="checkbox"/> Credit 3.2     | Construction IAQ Management Plan - Before Occupancy                           | IV.E |
| <input type="checkbox"/> Credit 4       | Low-Emitting Materials (all below are required)                               | IV.D |
|   | <input type="checkbox"/> Interior Adhesives and Sealants                      |      |
|   | <input type="checkbox"/> Wall & Ceiling Finishes                              |      |
|   | <input type="checkbox"/> Flooring   |      |
|   | <input type="checkbox"/> Composite Wood, Agrifiber & Batt Insulation Products |      |
| <input type="checkbox"/> Credit 6.1     | Controllability of Systems - Lighting   | IV.C |
| <input type="checkbox"/> Credit 7       | Thermal Comfort - Design and Verification                                     | IV.A |
| <input type="checkbox"/> Credit 8.1     | Daylight and Views - Daylight   | IV.C |

### Innovation in Design

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|---|---------------------------------------|-------|
| <input type="checkbox"/> Prerequisite 1 | Integrative Project Planning & Design | I.A.1 |
|---|---------------------------------------|-------|