LEED 2009 for Healthcare: New Construction and Major Renovations

Project Checklist

Project Name

Date

Sustainable Sites — Possible Points: 18

Y	?	N			
Y			Prereq 1	Construction Activity Pollution Prevention	
Y			Prereq 2	Environmental Site Assessment	
			Credit 1	Site Selection	1
			Credit 2	Development Density and Community Connectivity	1
			Credit 3	Brownfield Redevelopment	1
			Credit 4.1	Alternative Transportation—Public Transportation Access	3
			Credit 4.2	Alternative Transportation—Bicycle Storage and Changing Rooms	1
			Credit 4.3	Alternative Transportation—Low-Emitting and Fuel-Efficient Vehicles	1
			Credit 4.4	Alternative Transportation—Parking Capacity	1
			Credit 5.1	Site Development—Protect or Restore Habitat	1
			Credit 5.2	Site Development—Maximize Open Space	1
			Credit 6.1	Stormwater Design—Quantity Control	1
			Credit 6.2	Stormwater Design—Quality Control	1
			Credit 7.1	Heat Island Effect—Non-roof	1
			Credit 7.2	Heat Island Effect—Roof	1
			Credit 8	Light Pollution Reduction	1
			Credit 9.1	Connection to the Natural World—Places of Respite	1
			Credit 9.2	Connection to the Natural World—Direct Exterior Access for Patients	1

Water Efficiency — Possible Points: 9

Y			Prereq 1	Water Use Reduction—20% Reduction	
Y			Prereq 2	Minimize Potable Water Use for Medical Equipment Cooling	
			Credit 1	Water Efficient Landscaping—No Potable Water Use or No Irrigation	1
			Credit 2	Water Use Reduction: Measurement & Verification	1 to 2
			Credit 3	Water Use Reduction	1 to 3
			Credit 4.1	Water Use Reduction—Building Equipment	1
			Credit 4.2	Water Use Reduction—Cooling Towers	1
			Credit 4.3	Water Use Reduction— Food Waste Systems	1

Energy and Atmosphere — Possible Points: 39

Y			Prereq 1	Fundamental Commissioning of Building Energy Systems	
Y			Prereq 2	Minimum Energy Performance	
Y			Prereq 3	Fundamental Refrigerant Management	
			Credit 1	Optimize Energy Performance	1 to 24
			Credit 2	On-Site Renewable Energy	1 to 8
			Credit 3	Enhanced Commissioning	1 to 2
			Credit 4	Enhanced Refrigerant Management	1
			Credit 5	Measurement and Verification	2
			Credit 6	Green Power	1
			Credit 7	Community Contaminant Prevention—Airborne Releases	1

Materials and Resources — Possible Points: 16

Y	?	N			
Y			Prereq 1	Storage and Collection of Recyclables	
Y			Prereq 2	PBT Source Reduction—Mercury	
			Credit 1.1	Building Reuse—Maintain Existing Walls, Floors, and Roof	1 to 3
			Credit 1.2	Building Reuse—Maintain Interior Non-Structural Elements	1
			Credit 2	Construction Waste Management	1 to 2
			Credit 3	Sustainably Sourced Materials and Products	1 to 4
			Credit 4.1	PBT Source Reduction—Mercury in Lamps	1
			Credit 4.2	PBT Source Reduction—Lead, Cadmium, and Copper	2
			Credit 5	Furniture and Medical Furnishings	1 to 2
			Credit 6	Resource Use—Design for Flexibility	1

Indoor Environmental Quality — Possible Points: 18

Y			Prereq 1	Minimum Indoor Air Quality Performance	
Y			Prereq 2	Environmental Tobacco Smoke (ETS) Control	
Y			Prereq 3	Hazardous Material Removal or Encapsulation	
			Credit 1	Outdoor Air Delivery Monitoring	1
			Credit 2	Acoustic Environment	1 to 2
			Credit 3.1	Construction IAQ Management Plan—During Construction	1
			Credit 3.2	Construction IAQ Management Plan—Before Occupancy	1
			Credit 4	Low-Emitting Materials	1 to 4
			Credit 5	Indoor Chemical and Pollutant Source Control	1
			Credit 6.1	Controllability of Systems—Lighting	1
			Credit 6.2	Controllability of Systems—Thermal Comfort	1
			Credit 7	Thermal Comfort—Design and Verification	1
			Credit 8.1	Daylight and Views—Daylight	2
			Credit 8.2	Daylight and Views—Views	1 to 3

Innovation in Design — Possible Points: 6

Y			Prereq 1	Integrated Project Planning and Design	
			Credit 1.1	Innovation in Design: Specific Title	1
			Credit 1.2	Innovation in Design: Specific Title	1
			Credit 1.3	Innovation in Design: Specific Title	1
			Credit 1.4	Innovation in Design: Specific Title	1
			Credit 2	LEED Accredited Professional	1
			Credit 3	Integrated Project Planning and Design	1

Regional Priority Credits — Possible Points: 4

			Credit 1.1	Regional Priority: Specific Credit	1
			Credit 1.2	Regional Priority: Specific Credit	1
			Credit 1.3	Regional Priority: Specific Credit	1
			Credit 1.4	Regional Priority: Specific Credit	1

Total — Possible Points: 110

Certified 40 to 49 points Silver 50 to 59 points Gold 60 to 79 points Platinum 80 to 110

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Project Checklist

Project Name

Date

Sustainable Sites — Possible Points: 18

0	0	0

Y	?	N				
Y			Prereq 1	Construction Activity Pollution Prevention		
Y			Prereq 2	Environmental Site Assessment		
			Credit 1	Site Selection	1	
			Credit 2	Development Density and Community Connectivity	1	
			Credit 3	Brownfield Redevelopment	1	
			Credit 4.1	Alternative Transportation—Public Transportation Access	3	
			Credit 4.2	Alternative Transportation—Bicycle Storage and Changing Rooms	1	
			Credit 4.3	Alternative Transportation—Low-Emitting and Fuel-Efficient Vehicles	1	
			Credit 4.4	Alternative Transportation—Parking Capacity	1	
			Credit 5.1	Site Development—Protect or Restore Habitat	1	
			Credit 5.2	Site Development—Maximize Open Space	1	
			Credit 6.1	Stormwater Design—Quantity Control	1	
			Credit 6.2	Stormwater Design—Quality Control	1	
			Credit 7.1	Heat Island Effect—Non-roof	1	
			Credit 7.2	Heat Island Effect—Roof	1	
			Credit 8	Light Pollution Reduction	1	
			Credit 9.1	Connection to the Natural World—Places of Respite	1	
			Credit 9.2	Connection to the Natural World—Direct Exterior Access for Patients	1	

Notes:

Water Efficiency — Possible Points: 9

0	0	0

Y	?	N				
Y			Prereq 1	Water Use Reduction		
Y			Prereq 2	Minimize Potable Water Use for Medical Equipment Cooling		
			Credit 1	Water Efficient Landscaping—No Potable Water Use or No Irrigation	1	
			Credit 2	Water Use Reduction—Measurement & Verification	1 to 2	
				Track 2 Measures	1	
				Track 3 or more Measures	2	
			Credit 3	Water Use Reduction	1 to 3	
				Reduce by 30%	1	
				Reduce by 35%	2	
				Reduce by 40%	3	
			Credit 4.1	Water Use Reduction—Building Equipment	1	
			Credit 4.2	Water Use Reduction—Cooling Towers	1	
			Credit 4.3	Water Use Reduction—Food Waste Systems	1	

Notes:

Energy and Atmosphere — Possible Points: 39

0	0	0

Y	?	N				
Y			Prereq 1	Fundamental Commissioning of Building Energy Systems		
Y			Prereq 2	Minimum Energy Performance		
Y			Prereq 3	Fundamental Refrigerant Management		
			Credit 1	Optimize Energy Performance	1 to 24	
				Improve by 12% for New Buildings or 8% for Existing Building Renovations	1	
				Improve by 14% for New Buildings or 10% for Existing Building Renovations	2	
				Improve by 16% for New Buildings or 12% for Existing Building Renovations	3	
				Improve by 18% for New Buildings or 14% for Existing Building Renovations	5	
				Improve by 20% for New Buildings or 16% for Existing Building Renovations	7	
				Improve by 22% for New Buildings or 18% for Existing Building Renovations	9	
				Improve by 24% for New Buildings or 20% for Existing Building Renovations	11	
				Improve by 26% for New Buildings or 22% for Existing Building Renovations	13	
				Improve by 28% for New Buildings or 24% for Existing Building Renovations	14	
				Improve by 30% for New Buildings or 26% for Existing Building Renovations	15	
				Improve by 32% for New Buildings or 28% for Existing Building Renovations	16	
				Improve by 34% for New Buildings or 30% for Existing Building Renovations	17	
				Improve by 36% for New Buildings or 32% for Existing Building Renovations	18	
				Improve by 38% for New Buildings or 34% for Existing Building Renovations	19	
				Improve by 40% for New Buildings or 36% for Existing Building Renovations	20	
				Improve by 42% for New Buildings or 38% for Existing Building Renovations	21	
				Improve by 44% for New Buildings or 40% for Existing Building Renovations	22	
				Improve by 46% for New Buildings or 42% for Existing Building Renovations	23	
				Improve by 48%+ for New Buildings or 44%+ for Existing Building Renovations	24	

Notes:

	Credit 2	On-Site Renewable Energy	1 to 8
		1% Renewable Energy	1
		3% Renewable Energy	2
		10% Renewable Energy	5
		20% Renewable Energy	6
		30% Renewable Energy	7
		40% Renewable Energy	8
	Credit 3	Enhanced Commissioning	1 to 2
	Credit 4	Enhanced Refrigerant Management	1
	Credit 5	Measurement and Verification	2
	Credit 6	Green Power	1
	Credit 7	Community Contaminant Prevention—Airborne Releases	1

0 0 0 Materials and Resources — Possible Points: 16

Y	?	N			
Y			Prereq 1	Storage and Collection of Recyclables	
Y			Prereq 2	PBT Source Reduction—Mercury	
			Credit 1.1	Building Reuse—Maintain Existing Walls, Floors, and Roof	1 to 3
				Reuse 55%	1
				Reuse 75%	2
				Reuse 95%	3
			Credit 1.2	Building Reuse—Maintain Interior Non-Structural Elements	1
			Credit 2	Construction Waste Management	1 to 2
				50% Recycled or Salvaged	1
				75% Recycled or Salvaged	2
			Credit 3	Sustainably Sourced Materials and Products	1 to 4
				10% of Total Material	1
				20% of Total Material	2
				30% of Total Material	3
				40% of Total Material	4
			Credit 4.1	PBT Source Reduction—Mercury in Lamps	1
			Credit 4.2	PBT Source Reduction—Lead, Cadmium and Copper	2
			Credit 5	Furniture & Medical Furnishings	1 to 2
				30% of Total Material	1
				40% of Total Material	2
			Credit 6	Resource Use—Design for Flexibility	1

Notes:

0 0 0 Indoor Environmental Quality — Possible Points: 18

Y	?	N			
Y			Prereq 1	Minimum Indoor Air Quality Performance	
Y			Prereq 2	Environmental Tobacco Smoke (ETS) Control	
Y			Prereq 3	Hazardous Material Removal or Encapsulation	
			Credit 1	Outdoor Air Delivery Monitoring	1
			Credit 2	Acoustic Environment	1 to 2
				Sound Isolation	1
				Acoustical Finishes	1
			Credit 3.1	Construction IAQ Management Plan—During Construction	1
			Credit 3.2	Construction IAQ Management Plan—Before Occupancy	1
			Credit 4	Low-Emitting Materials	1 to 4
				Interior Adhesives & Sealants	1
				Wall & Ceiling Finishes	1
				Flooring	1
				Composite Wood, Agrifiber Products and Batt Insulation Products	1
				Exterior Applied Products	1
			Credit 5	Indoor Chemical and Pollutant Source Control	1
			Credit 6.1	Controllability of Systems—Lighting	1
			Credit 6.2	Controllability of Systems—Thermal Comfort	1
			Credit 7	Thermal Comfort—Design and Verification	1
			Credit 8.1	Daylight and Views—Daylight	2
			Credit 8.2	Daylight and Views—Views	1 to 3
				90% of Inpatient Units	1
				Threshold A for Non-Inpatient Areas	1
				Threshold B for Non-Inpatient Areas	2

Notes:

0 0 0 Innovation in Design — Possible Points: 6

Y ? N

Notes:

Y					
			Prereq 1	Integrative Project Planning & Design	
			Credit 1.1	Innovation in Design: Specific Title	1
			Credit 1.2	Innovation in Design: Specific Title	1
			Credit 1.3	Innovation in Design: Specific Title	1
			Credit 1.4	Innovation in Design: Specific Title	1
			Credit 2	LEED Accredited Professional	1
			Credit 3	Integrative Project Planning & Design	1

0	0	0	**Regional Priority Credits**	Possible Points:	**4**

Y	?	N			
			Credit 1.1	Regional Priority: Specific Credit	1
			Credit 1.2	Regional Priority: Specific Credit	1
			Credit 1.3	Regional Priority: Specific Credit	1
			Credit 1.4	Regional Priority: Specific Credit	1

Notes:

0	0	0	**Total**	Possible Points:	**110**

Certified 40 to 49 points Silver 50 to 59 points Gold 60 to 79 points Platinum 80 to 110