

THE STATE OF MINNESOTA SUSTAINABLE BUILDING GUIDELINE SUMMARY

Version 1.1 7/1/04

Part of the Buildings, Benchmarks, and Beyond (B3) Project

MSBG GUIDELINES (Required except as noted by * which indicates recommended.)	COMPARISON TO LEED™ **		
	Potential LEED™ Credits	Potential LEED™ Points	
		For MSBG Requirements	For MSBG Requirements & Recommendations
PERFORMANCE MANAGEMENT			
P.1 Guideline Management			
P.2 Planning for Conservation			
P.3 Integrated Design Process			
P.4 Design and Construction Commissioning	EA Prereq 1, Credit 3 EQ Credits 3.1, 3.2	3	3
P.5 Operations Commissioning	EA Credit 5 EQ Credit 1	2	2
P.6 Lowest Life Cycle Cost			
P.7 Process Documentation for Performance Management			
SITE AND WATER			
S.1 Avoid Critical Sites	SS Credit 1	1	1
S.2 Appropriate Location and Density	SS Credit 2	0	1
S.3 * Brownfield Redevelopment	SS Credit 3	0	1
S.4 Erosion and Sedimentation Control	SS Prereq 1	0	0
S.5 Stormwater Management	SS Credit 6.1, 6.2	2	2
S.6 Reduce Site Disturbance and Restore Site	SS Credit 5.1, 5.2	2	2
S.7 * Restorative Design			
S.8 Reduce Site Water Use for Plant Materials	WE Credit 1.1, 1.2	1	2
S.9 Reduce Light Pollution	SS Credit 8	1	1
S.10 * Reduce Heat Island Effect	SS Credit 7.1-7.2	0	2
S.11 * Encourage Efficient Transportation Alternatives	SS Credit 4.1—4.4	0	4
S.12 Building Water Efficiency	WE Credit 3.1, 3.2	2	2
S.13 * Use Gray Water to Reduce Wastewater Treatment Impacts			
S.14 * Use Biological Wastewater Treatment System	WE Credit 2	0	1
S.15 Outcome Documentation for Site and Water			
ENERGY AND ATMOSPHERE			
E.1 Reduce Energy Use by at least 30%	EA Prereq 1, Credit 1.1—1.5	4	10
E.2 Efficient Equipment and Appliances			
E.3 Evaluate Renewable and Distributed Energy Generation	EA Credit 2.1—2.3, 6	0	4
E.4 * Atmospheric Protection	EA Prereq 3, Credit 4	0	1
E.5 Outcome Documentation for Energy and Atmosphere			
INDOOR ENVIRONMENTAL QUALITY			
I.1 Restrict Environmental Tobacco Smoke	EQ Prereq 2	0	0
I.2 Indoor Air Quality and Ventilation Baseline			
I.3 Specify Low-emitting Materials	EQ Credit 4.1—4.4	4	4
I.4 Ventilation Based on Anticipated Pollutants	EQ Credit 5	1	1
I.5 Ventilation Based on Carbon Dioxide Limits			
I.6 Moisture Control	EQ Prereq 1, Credit 2	1	1
I.7 Thermal Comfort	EQ Credit 7.1	1	1
I.8 * Daylight	EQ Credit 8.1	0	1
I.9 Quality Lighting			
I.10 * View Space and Window Access	EQ Credit 8.2	0	1
I.11 Eliminate Whole Body Vibration in Buildings			
I.12 Effective Acoustics & Positive Soundscapes			
I.13 Personal Control of IEQ Conditions & Impacts	EQ Credit 6.1, 6.2	0	2
I.14 * Encouraging Healthful Physical Activity			
I.15 Outcome Documentation for Indoor Environmental Quality			
MATERIALS AND WASTE			
M.1 Evaluation of Design for Minimum Resource Use	MR Credits 1, 3	0	5
M.2 Evaluation of Material Properties for Improved Performance	MR Credits 4—7	0	6
M.3 Waste Reduction and Management	MR Credit 2.1, 2.2	1	2
M.4 Outcome Documentation for Materials and Waste			
**Comparison to LEED™ points is estimated. MSBG requirements overlap with LEED™ credits, however, following MSBG does not require, nor automatically result in LEED™ certification.		TOTALS Corresponding LEED™ Certification Level	26 (Certified) 63 (Platinum)