

Comparison of Green Globes ANSI-GBI 01-2010 Standard with Federal Government Guiding Principles for New Construction and Major Renovations

GP	Guiding Principles	Addressed by Green Globes ANSI/GBI 01-2010 Standard	Green Globes ANSI-GBI 01-2010 Standards Requirements
1.0	Employ Integrated Design		
	1.1 Integrated Design	Yes	6.0 PROJECT MANAGEMENT FOR GREEN DESIGN AND DELIVERY COORDINATION (GDCC)
	1.2 Commissioning	Yes	6.3 Whole Building Commissioning
2.0	Optimize Energy Performance		
	2.1 Energy Efficiency	Yes	Opaque Envelope – PATH B; 8.5 Daylighting – PATH B; 8.6 HVAC Systems and Controls – PATH B; 8.7 Lighting Systems and Controls – PATH B; 8.8. Elevator and Conveyance Systems – PATH B
	2.2 Onsite Renewable Energy	Yes	8.9 Renewable Energy – PATH B
	2.3 Measurement & Verification	Yes	8.3 Measurement and Verification – PATH A; 8.4 through 8.9 - PATH B
	2.4 Benchmarking	Yes	8.1 Building Carbon Dioxide Equivalent (CO ₂ e) Emissions – PATH A
3.0	Protect & Conserve Water		
	3.1 Indoor Water	Yes	9.2 Plumbing Fixtures and Fittings, Appliances and Equipment ; 9.4 Boilers and Water Heaters; 9.5 Commercial Food Service Operations; 9.6 Medical/Dental and Laboratory Facilities; 9.7 Commercial/Institutional Laundry Operations; 9.8 Special Water Features
	3.2 Outdoor Water	Yes	9.8 Special Water Features; 7.4 Site Ecology
	3.3 Process Water	Yes	9.3 Cooling Towers; 9.4 Boilers and Water Heaters
	3.4 Water Efficient Products	Yes	9.2 Plumbing Fixtures and Fittings, Appliances and Equipment ; 9.4 Boilers and Water Heaters; 9.5 Commercial Food Service Operations; 9.6 Medical/Dental and Laboratory Facilities; 9.7 Commercial/Institutional Laundry
4.0	Indoor Air Quality (IAQ)		
	4.1 Ventilation & Thermal Comfort	Yes	12.1 Ventilation Systems; 12.5 Thermal Comfort
	4.2 Moisture Control	Yes	10.7 Building Envelope; 12.2. Source Control of Indoor Pollutants
	4.3 Daylighting	Yes	8.5 Daylighting – PATH B; 12.4 Lighting Design and Integration of Lighting Systems
	4.4 Low-emitting materials	Yes	11.1 Heating Equipment; 12.2. Source Control of Indoor Pollutants
	4.5 Protect IAQ during construction	Yes	6.2 Environmental Management during Construction
	4.6 Environmental Tobacco smoke control	Yes	6.2 Environmental Management during Construction
5.0	Environmental Impact of Materials		
	5.1 Recycled Content	Yes	10. 1 Assemblies (Structural System and Envelope) - PRESCRIPTIVE PATH B; 10. 2 Furnishings, Finishes and Fit-outs
	5.2 Biobased Content	Yes	10. 1 Assemblies (Structural System and Envelope) - PRESCRIPTIVE PATH B; 10. 2 Furnishings, Finishes and Fit-outs
	5.3 Environmentally Preferable Products	Yes	10.0 RESOURCES/MATERIALS (throughout entire section)
	5.4 Waste & Materials Management	Yes	10.5 Reduction, Re-use and Recycling of Waste; 10.6 Resource Conservation through Design
	5.5 Ozone Depleting Compounds	Yes	11.2 Cooling Equipment