

Comparison of Green Globes CIEB On-line Assessment with Federal Government Guiding Principles for Existing Buildings

GP#	Guiding Principles	Assessed By Green Globes CIEB	Relevant Section of Current Green Globes CIEB that addresses GP
Employ Integrated Assessment, Operation, & Management Principles			
1.0	1.1 Sustainable operations & maintenance practices within EMS	Yes	1.15 Operating Manual 6.1 Environmental Management System (EMS) Documentation
	1.2 Assess condition, procedures & equipment and identify areas of Improvement	Yes	1.15 Operating Manual 6.1 Environmental Management System (EMS) Documentation
	1.3 Establish and incorporate sustainability operational performance goals	Yes	1.15 Operating Manual 6.1 Environmental Management System (EMS) Documentation
	1.4 Building management plan executed incorporating sustainable O&M planning	Yes	1.15 Operating Manual 6.1 Environmental Management System (EMS) Documentation
	1.5 Augment O&M using occupant feedback	Yes	1.15 Operating Manual 6.4 Tenant awareness
	1.6 Re-Commissioning, EISA 2007	No	Not addressed in current version
	Optimize Energy Performance		
2.0	2.1 Measure Energy Efficiency (Options 1,2,3)	Yes	1.9 Energy Policy 1.8 Envelope 1.11 Energy Management, Monitoring and Targeting
	2.2 On-site Renewable Energy	Yes	1.7 Green Energy
	2.3 Measurement & Verification - building level utility metering: electric, gas, steam	Yes	1.14 Sub-metering 1.10 Energy Audit 1.11 Energy Management, Monitoring and Targeting
	2.4 Annual Performance Benchmarking - Year over Year comparisons ES/Labs21	Yes	1.9 Energy Policy 1.10 Energy Audit 1.11 Energy Management, Monitoring and Targeting
Protect & Conserve Water			
3.0	3.1 Indoor Water Measure and Reduce consumption (Option 1 or Option 2)	Yes	2.1 Water consumption 2.3 Water Management
	3.2 Outdoor Water - Measure and Reduce or Eliminate consumption (Options 1,2,3)	Yes	2.3 Water Management 2.2 Water Conserving Features
	3.3 Building water meters and demonstrate 20% reduction	Yes	2.3 Water Management
	3.4 Reduce Stormwater run-off and polluted water discharge, Maintain restore hydrology	Yes	4.5 Waste Water Effluents 3.4 Site Enhancement
	3.5 Process Water - EPAAct2005 Section 109, Lifecycle conservation measures	Yes	4.5 Waste Water Effluents
	3.6 Water efficient products and/or irrigation contractors	Yes	2.2 Water Conserving Features
Enhance Indoor Air Quality (IAQ)			
4.0	4.1 Ventilation & Thermal Comfort	Yes	5.1 Ventilation System 5.7 IAQ Management
	4.2 Moisture Control	Yes	5.3 Humidification System 5.4 Cooling Towers 5.6 Control of Pollutants at Source 5.7 IAQ Management
	4.3 Daylighting & Lighting Controls	Yes	5.8 Lighting Features
	4.4 Low-emitting materials	Yes	5.6 Control of Pollutants at Source
	4.5 Integrated pest management	Yes	4.14 Pesticides
	4.6 Environmental Tobacco Smoke Control	Yes	5.6 Control of Pollutants at Source
Reduce Environmental Impact of Materials			
5.0	5.1 Recycled Content	Yes	3.1 Facilities for Storing and Handling Recyclable Materials 3.2 Waste Reduction Workplan
	5.2 Biobased Content	Yes	6.1 Environmental Management System (EMS) Documentation
	5.3 Environmentally Preferable Products	Yes	6.1 Environmental Management System (EMS) Documentation 6.2 Environmental Purchasing
	5.3 Waste and Waste Management	Yes	3.1 Facilities for Storing and Handling Recyclable Materials 3.2 Waste Reduction Workplan
	5.4 Ozone Depleting Compounds	Yes	4.2 Refrigerants 4.3 Management of Ozone Depleting Refrigerants

GBI/Green Globes CIEB References

Green Globes CIEB Section 1: Energy
 Green Globes CIEB Section 2: Water
 Green Globes CIEB Section 3: Resources
 Green Globes CIEB Section 4: Emissions, Effluents, and Pollution Control
 Green Globes CIEB Section 5: Indoor Environment
 Green Globes CIEB Section 6: Environmental Management System
 Green Globes CIEB: Green Globes Continual Improvement of Existing Buildings