

Environmental Assessment Area	Special Considerations and Recommendations for Healthcare Green Globes CIEB Healthcare (Hospitals/Long Term Care Facilities)
Energy	Green Globes uses Energy Star to rate hospitals based on the energy consumption of the entire campus, as there is no credible basis to allocate performance credits for hospitals. Green Globes performance credits are generated from the ENERGY STAR rating.
	Consumption Information is used to spot irregular or unexplained changes and verification
	Staff and personal use appliances included in Energy Audit
	Updates to include four levels for Energy use targets and monitoring
	Sub metering criteria enhanced (Radiology/MRI added)
	Updated percentages for lighting controls
Water	Water Consumption <ul style="list-style-type: none"> • Based upon water usage per bed • Number of beds input as part of the general building information
	Monthly consumption numbers utilized to evaluate any irregularities (explanations found may be, pipe break, irrigation requirements, changing water in a cooling tower, etc.)
	Water Conservation Updates in thresholds <ul style="list-style-type: none"> • 1.28 GPF for toilets • .5 GPF for urinals (including waterless) • 1.5 GPM for patient room lavatories
Resources	Recycling Updates in types of recycling <ul style="list-style-type: none"> • Breakdowns for different types of recycling; paper, cardboard, glass, metal, plastic beverage and/or food containers, pharmaceutical plastic bottles, saline & IV bags, furniture, electronics & batteries, and re-usable sharps containers
	Waste Diversion <ul style="list-style-type: none"> • Rates based upon a percentage of total waste diversion within hospital (typically available through the Industrial Hygienist, often is the GEMS Coordinator) • Point scale expanded to four thresholds
	Construction Waste Management Organization wide policies and procedures may be in place. Check your Standard Specifications and/or organization Policies and Procedures.

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Emissions, Effluents, and Pollution Reduction:	Updated allocation credit to include four boiler O&M best practices
	Mercury management added
	Updated refrigerant and Hazard Communication Program
Indoor Environment Indoor Environment	CO2 monitoring definition expanded
	Inclusion of personal temperature controls for patients
	Detailed healthcare specific filtration with expanded credit allocation
	Local exhaust – potentially hazardous areas expanded with credit allocation
	Recommend systematic review of all AHU's for entire hospital
	Added healthcare specific smoking standards
	Expanded definition of IAQ management program with credit allocation
	<p>Lighting</p> <ul style="list-style-type: none"> • Expanded lighting levels, per IESNA healthcare, with credit allocation • Expanded day lighting levels definition, with credit allocation • Expanded day lighting levels definition, with credit allocation • Recommend familiarity with the following: <ul style="list-style-type: none"> ○ ANSI/IESNA Publication RP-29-06: Recommended Practices for Lighting for Hospitals and Health Care Facilities ○ ANSI/IESNA RP-28-07: Recommended Practices for Lighting and the Visual Environment for Senior Living
	<p>Noise</p> <ul style="list-style-type: none"> • Expanded noise/acoustical/audio privacy criteria w/ credit allocation • Recommend familiarity with the following available for viewing at www.fgiguilines.org: <ul style="list-style-type: none"> ○ 2010 <i>Guidelines for Design & Construction of Health Care Facilities</i> that includes new acoustical guidance (under 2010 Edition of <i>Guidelines</i>) ○ Sound & Vibration Design Guidelines for Health Care Facilities: January 1, 2010 (under White Papers & Draft <i>Guidelines</i>)
	Environmental Management Systems
Discuss with Community Outreach the SHEP survey for patients	
Discuss with Community Outreach how survey results are implemented within the hospital	
Discuss with Human Resources regular staff surveys that are completed within the hospital	



Special Considerations and Recommendations for Healthcare

Green Globes CIEB – Healthcare tool encompasses specific considerations for healthcare. Enhancements relative to Green Globes CIEB include adapted methodology for measuring performance in many environmental assessment areas as well as updates in credit thresholds in some areas allowing for partial credit. The table above lists some of the special considerations and recommendations specific to healthcare included in the Green Globes Rating and Certification process.