LEED 2009 for Healthcare Overview

Seminar 41

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Stratage Carillal Delivery Management

Learning Objectives for this Session

- Introduce the new LEED 2009 for Healthcare New Construction and Major
 Renovations
- 2. Understand where and how it applies to the various healthcare facilities types
- 3. Review the major differences between LEED 2009 NC and Healthcare

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Seminar 41

Codes and Standards Impacting Healthcare Facility Energy Use Overview - LEED 2009 for Healthcare New Construction and Major Renovations

LEED 2009 for Healthcare

New Construction and Major Renovations Distinguish high performance healthcare projects

Including:

Inpatient Outpatient Long-term Care



Presentation #3

Codes and Standards Impacting Healthcare
Overview - LEED 2009 for Healthcare New Construction and Major Renovations

LEED 2009 for Healthcare

Passed November 16, 2010 87% approval rate Seven Years

Green Guide for Healthcare Open for registration Spring 2011 "launch"



Seminar 41

Codes and Standards Impacting Healthcare Overview - LEED 2009 for Healthcare New Construction and Major Renovations

GGHC Pilot Program

Robust pilot +100 facilities Addressed:

Usability

Verifiability of credits Feedback Incorporated Bypassed LEED pilot process



Seminar 41 Presentation #3 Codes and Standards Impacting Healthcare Overview - LEED 2009 for Healthcare New Construction and Major Renovations

LEED 2009 for Healthcare

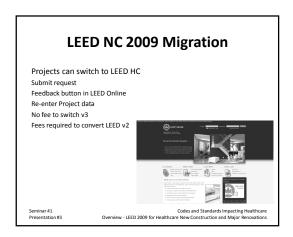
Takes into account:

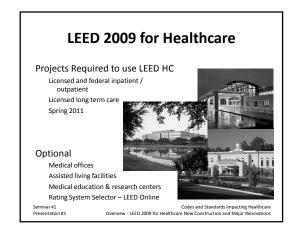
Regulatory requirements 24/7 operations Program demands

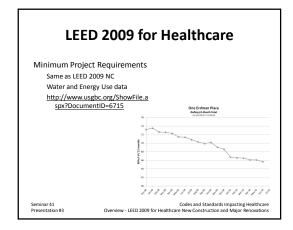
Program demands Infection control Required ventilation

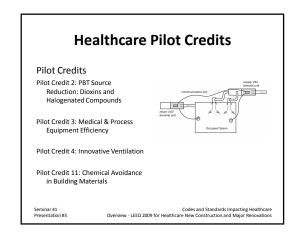


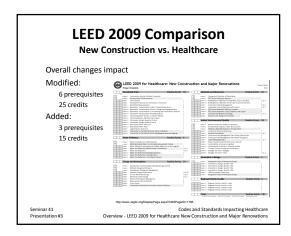
Seminar 41 Presentation #3 Codes and Standards Impacting Healthcare Overview - LEED 2009 for Healthcare New Construction and Major Renovations

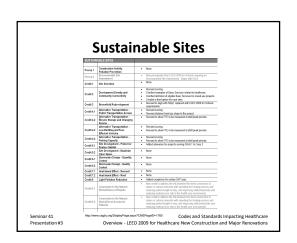


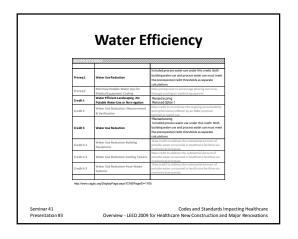


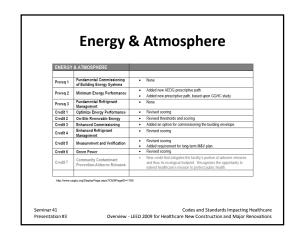


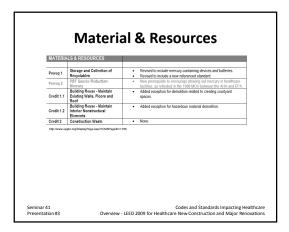


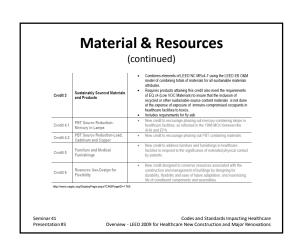




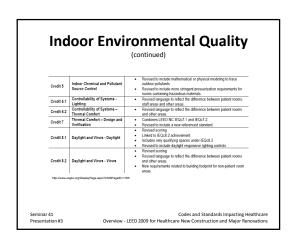








ınd	oor Envi	ironmental Quality
		Tomical Quality
	ENVIRONMENTAL	
QUALITY		
Prereg 1	Minimum Indoor Air Quality	Revised to include a new referenced standard.
Prereq 2	renomiance	 Modified distance of smoking areas from 25 feet to 50 feet from
		specific areas.
	Environmental Tobacco	 Added Option 1 signage requirement for designated smoking areas
	Smoke (ETS) Control	and restriction for location of smoking areas outside of places of
	,,	respite that meet SSc9.1 Language added to include signage requirements, and weather
		 Language added to include signage requirements, and wearner stripping requirements for Option 2.
	Hazardous Material Removal	 New prerequisite focused upon appropriate removal and/or
Prereq 3	or Encapsulation	encapsulation of hazardous materials, thereby reducing building
	(Renovations Only)	occupants' potential exposure.
Credit 1	Outdoor Air Delivery Monitoring	Revised to include a new referenced standard.
		 New credit designed to reduce patients' exposure to disruptive
Credit 2	Acoustic Environment	noise levels in healthcare facilities. Noise is a well-documented source of stress in healthcare settings.
	Construction Indoor Air	Added infection control requirements
Credit 3,1	Quality Management Plan -	Revised to include a new referenced standard
	During Construction	
	Construction Indoor Air	 Revised to specify that all finishes must be installed prior to flush-
Credit 3.2	Quality Management Plan - Before Occupancy	out.
	Before Occupancy	Combines elements of LEED NC IEQc4 1-4-4.
Credit 4	Low-Emitting Materials	Scope is more inclusive
		 New group to address exterior applied products.
http://www.u	sgbc.org/DisplayPage.asspx?CMSPageID=11	
ar 41		Codes and Standards Impactin



Innovation in Design Innovation in Design Innovation in Design Integrated Project Planning and Design pocass since it is a key ladd on advantage successed implementation of substantials design strategy for healthcare societies because of the completing of systems, high data per square foot costs, abstracted design strategy for healthcare societies because of the completing of systems, high data per square foot costs, abstracted on personal costs of possibility of systems, high data per square foot costs, and the benefit of state-block per shorted on personal costs of possibility of systems, high data per square foot costs, and to possibility of systems, high data per square foot costs, and to possibility of systems, high data per square foot costs, and to possibility of systems and specialisms. Credit 1 tenovation in Design Procession Credit 2 tenovation in Design Procession Now credit is result in result project learns for excelling at an integrated design process. Not prevent suggest suggestion of procession of the special costs of the state of the state of the state of the special costs of the s

Questions?

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2/1/2011 Codes and Standards Impacting Mealthcare Excility Energy Line