

DGS LEED-BD&C Certification & Accreditation – Indoor Environmental Quality - Quiz

Dan Burgoyne Instructor – June 8, 2009

1. Which of the following are required under EQ Credit 5, Indoor Chemical & Pollutant source Control? (Choose three)
 - A. _____ Employ a permanent entryway system to capture dirt, particulars, etc
 - B. _____ Where chemical use occurs, provide deck-to-deck partitions and negative pressure exhaust system
 - C. _____ Establish a green housekeeping program for the building
 - D. _____ Have a policy in place that no hazard chemicals are to be used in the building
 - E. _____ Provide MERV 13 or better filters in ventilated occupied areas
2. EQ Credits 8.2, Daylighting and Views require a direct line of sight to vision glazing between 30”–90” above floor from _____ of all regularly occupied space. (Select one)
 - A. _____ 33%
 - B. _____ 50%
 - C. _____ 75%
 - D. _____ 90%
 - E. _____ 95%
3. Which two credits **might** require the design of an area with impermeable deck-to-deck partitions that has a separate outdoor exhaust system that operates at a negative pressure of at least 5 Pa compared to surrounding spaces? (Choose two)
 - A. _____ EQ Credit 1, Carbon Dioxide (CO₂) Monitoring
 - B. _____ EQ Prerequisite 2, Environmental Tobacco Smoke Control
 - C. _____ EQ Prerequisite 1, Minimum IAQ Performance
 - D. _____ EQ Credit 4.1 – 4.4, Low-Emitting Materials
 - E. _____ EQ Credit 5, Indoor Chemical & Pollutant Source Control
4. Which three of the following standards are referenced in EQ Credit 4.3 Low Emitting Materials – Flooring Systems? (Choose three)
 - A. _____ Green Seal Standard GC-03
 - B. _____ FloorScore
 - C. _____ South Coast Air Quality Management District Rule 1113
 - D. _____ ISO 14021
 - E. _____ CA DHS Standard Practice for Testing Volatile Organic Emissions (01350)
5. You are attempting to provide controllability of lighting systems, and meet requirements for EQ Credit 6.1. Which strategies help meet this credit? (Select three)
 - A. _____ Provide individual lighting controls for 50% (min.) of building occupants
 - B. _____ Provide lighting controls & operable window blinds and coverings for multi-tenant spaces
 - C. _____ Individual task lighting can be utilized at work stations
 - D. _____ Provide individual lighting controls for 90% (min.) of building occupants
 - E. _____ Use indirect lighting fixtures to reduce glare

6. Which of the following standards applies to EQ credit 7 Thermal Comfort? (Choose one)
- A. _____ ASHRAE/IESNA Standard 90.1-2004
 - B. _____ ANSI/ASHRAE 52.1-1999
 - C. _____ ASHRAE Standard 62.1-2004
 - D. _____ ASHRAE Standard 55-2004
 - E. _____ ANSI/ASTM E779-03
7. Within the Indoor Environmental Quality category, which of the following credits can only be submitted during the construction phase of the project? (Choose two.)
- A. _____ EQc1, Outdoor Air Delivery Monitoring
 - B. _____ EQc2, Increased Ventilation
 - C. _____ EQc3, Construction IAQ Management Plan
 - D. _____ EQc4, Low-Emitting Materials
 - E. _____ EQc5, Indoor Chemical & Pollutant Source Control
 - F. _____ EQc6, Controllability of Systems
8. Which three of the following standards are referenced in EQ Credit 4.5 Low Emitting Materials – Furniture Systems? (Choose three)
- A. _____ ANSI/BIFMA M7.1-2007
 - B. _____ CA DHS Standard Practice for Testing Volatile Organic Emissions (01350)
 - C. _____ South Coast Air Quality Management District Rule 1113
 - D. _____ EPA Environmental Technology Verification (ETV) 1999
 - E. _____ GREENGUARD Children & Schools
9. In order to achieve EQc10, Mold Prevention, which three IEQ credits must be achieved? (Choose 3)
- A. _____ EQc2, Increased Ventilation
 - B. _____ IEQ Credit 3.1: Construction IAQ Management Plan – During Construction
 - C. _____ EQc5, Indoor Chemical & Pollutant Source Control
 - D. _____ IEQ Credit 7.1: Thermal Comfort - Compliance
 - E. _____ IEQ Credit 7.2: Thermal Comfort - Verification
10. Which of the following standards is referenced by EQp1, Minimum IAQ Performance? (Choose 1.)
- A. _____ ASHRAE/IESNA Standard 90.1-2007
 - B. _____ ANSI/ASHRAE 52.1-1999
 - C. _____ ASHRAE Standard 62.1-2007
 - D. _____ ASHRAE Standard 55-2004
 - E. _____ ANSI/ASTM-E779-03

ANSWERS

1	ABE
2	D
3	BE
4	BCE
5	BCD
6	D
7	CD
8	ADE
9	BDE
10	C