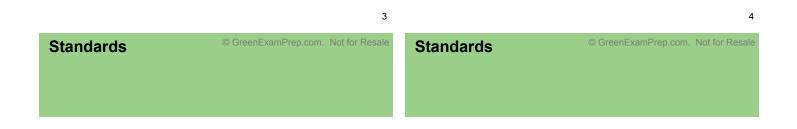


What is the Guidance Specifying Management Measures for Sources of Non-Point Pollution in Coastal Waters, January 1993? What credits reference Guidance Specifying Management Measures for Sources of Non-Point Pollution in Coastal Waters, January 1993?



What is ASTM Standard E1980-01?

What credits reference ASTM Standard E1980-01?

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SS Credit 1 Option A: I	Brownfield Redevelopment	commercial and cust Phase II environmen commercial property.	ramework for employing good omary practices in conducting a tal site assessment of a parcel of . It covers the potential presence of ants that are within the scope of petroleum products.

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SS Credit 1 Option C: S Treatment	Stormwater Management,	practices that can be from stormwater volu urban runoff and sug	usses a variety of management e incorporated to remove pollutants umes. Chapter 4, Part II addresses ggests a variety of strategies for ng stormwater volumes after oleted.

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SS Credit 1 Option E: I	Heat Island Reduction, Roof		r Calculating Solar Reflectance nd Low-Sloped Opaque Surfaces.
		This standard describ	bes how surface reflectivity and

This standard describes how surface reflectivity and emissivity are combined to calculate a Solar Reflectance Index (SRI) for a roofing material or other surface. The standard also describes a laboratory and field testing protocol that can be used to determine SRI.

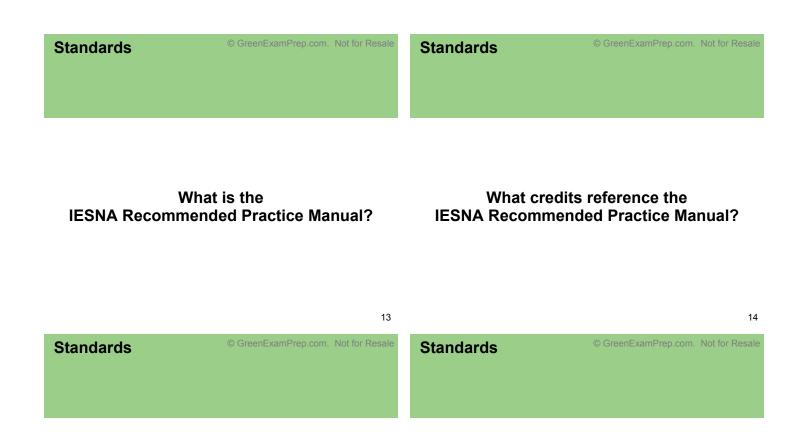


What is EPA Energy Star Roofing Guidelines?

What credits reference EPA Energy Star Roofing Guidelines?

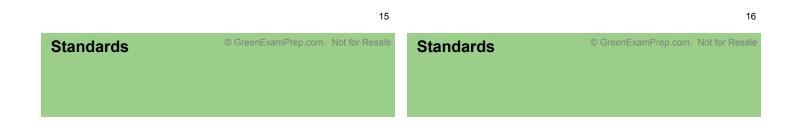
Standards	© GreenExamPrep.com. Not for Resale	Standards	© GreenExamPrep.com. Not for Resale
SS Credit 1 Option E: Hea	t Island Reduction: Roof	Surfaces Using Inspect This standard describe emittance of surfaces usinstrument. The test mo surfaces where non-de	s for Total Normal Emittance of tion- Meter Techniques s how to measure total normal using a portable inspection-meter ethods are intended for large estructive testing is required. See g steps and a discussion of ory.

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SS Credit 1 Option E: Heat Island Reduction: Roof	Standard Test Method for Solar Absorptance, Reflectance, and Transmittance of Materials Using Integrating Spheres Referenced in the ENERGY STAR roofing standard, this test method uses spectrophotometers and need only be applied for initial reflectance measurement. Methods of computing solar-weighted properties from the measured spectral values are specified. This test method is applicable to materials having both specular and diffuse optical properties. Except for transmitting sheet materials that are inhomogeneous, patterned, or corrugated, this test method is preferred over Test Method E1084. The ENERGY STAR roofing standard also allows the use of reflectometers to measure solar reflectance of roofing materials. See the roofing standard for more details.
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SS Credit 1 Option E: Heat Island Reduction: Roof	In addition to several other building product categories, the ENERGY STAR program identifies roofing products that reduce the amount of air conditioning needed in buildings, and can reduce energy bills. Roofing products with the ENERGY STAR logo meet the EPA criteria for reflectivity and reliability. Roofing products that meet ENERGY STAR criteria are a good starting point for achievement of this credit, but note that ENERGY STAR requirements are not as stringent as LEED credit requirements; LEED also accounts for roof emissivity in the SRI calculation. An ENERGY STAR Rating alone does not necessarily meet LEED credit requirements.



What is the Energy Policy Act (EPAct) of 1992?

What credits reference the Energy Policy Act (EPAct) of 1992?

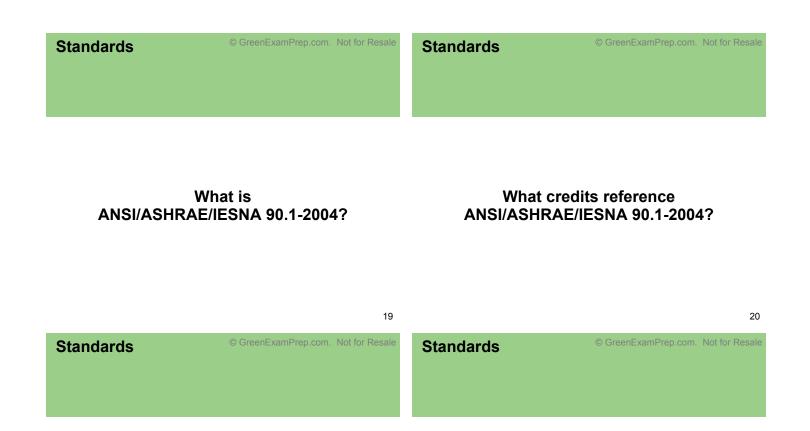


What is ANSI/ASHRAE/IESNA 90.1 - 1999?

What credits reference ANSI/ASHRAE/IESNA 90.1 - 1999?

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SS Credit 1 Option F: Light Pollution Reduction	Lighting for Exterior Environments (IESNA RP-33-99) Illuminating Engineering Society of North America This standard provides general exterior lighting design guidance and acts as a link to other IESNA outdoor lighting Recommended Practices (RPs). IESNA RP documents address the lighting of different types of environments. RP-33 was developed to augment other RPs with subjects not otherwise covered and is especially helpful in the establishment of community lighting themes and SS WE EA MR EQ ID in defining appropriate light trespass limitations based on environmental area classifications. RP-33 addresses visual issues such as glare, luminance, visual acuity and illuminance. Also covered are exterior lighting design issues including community-responsive design, lighting ordinances, luminaire classification, structure lighting, and hardscape and softscape lighting. Light level recommendations in RP-33 are lower than in many other RPs, since RP-33 was written to address environmentally sensitive lighting.	
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SS Credit 1 Option J: Water Use Reduction WE Credit 1.1 & 1.2 Water Use Reduction	This Act was promulgated by the U.S. government and addresses energy and water use in commercial, institutional and residential facilities. The water usage requirements of the Energy Policy Act of 1992 are provided in Table 1.	

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SS Credit 1 Option K: On	site Renewable Energy	be used to capture EA Cre case in the modeling proce recovered energy is produc Method considers it free er	recovered energy that might edit 2 is handled as a special ess. If either renewable or



What is California Title 24 2001?

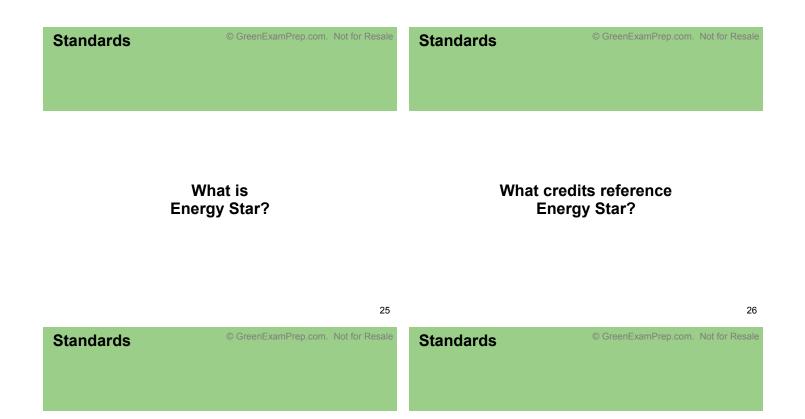
What credits reference California Title 24 2001?



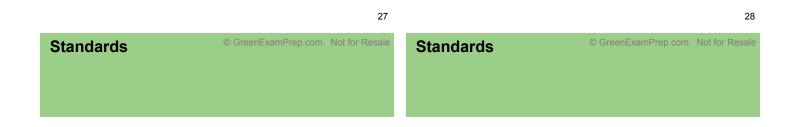
What is the Advanced Buildings: Energy Benchmark for High Performance Buildings (E-Benchmark)? What credits reference the Advanced Buildings: Energy Benchmark for High Performance Buildings (E-Benchmark)?

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EA Prerequisite 2 EA Credit 1.1 Optimize Energy Performance: Lighting Power EA Credit 1.3 Optimize Energy Performance: HVAC	Energy Standard for Buildings Except Low-Rise Residential Buildings Standard 90.1-2004 was formulated by the American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc. (ASHRAE), under an American National Standards Institute (ANSI) consensus process. Standard 90.1-2004 establishes minimum requirements for the energy-efficient design of buildings, except low-rise residential buildings. The provisions of this standard do not apply to single-family houses, multi-family structures of three habitable stories or fewer above grade, manufactured houses (mobile and modular homes), buildings that do not use either electricity or fossil fuel, or equipment and portions of buildings systems that use energy primarily for industrial, manufacturing or commercial processes. Building envelope requirements are provided for semi-heated spaces, such as warehouses.
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EA Credit 1.1 Optimize Energy Performance: Lighting Power	Though Title 24 is recognized as being more stringent for EA Prerequisite 2, for consistency, and fairness, projects in California must use Standard 90.1- 2004 in determining performance in EA Credit 1.1.

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EA Credit 1.3 Optimize E	nergy Performance: HVAC	the efficiency requirem Institute, Inc.'s publicat Benchmark for High Pe Benchmark)" prescript	VAC systems which comply with nents outlined in the New Buildings tion "Advanced Buildings: Energy erformance Buildings (E- ive criteria for mechanical equirements, sections 2.4 (less), 2.5 and 2.6.



What is the International Performance Measurement and Verification Protocol Volume 1, 2001 Version ? What credits reference the International Performance Measurement and Verification Protocol Volume 1, 2001 Version ?

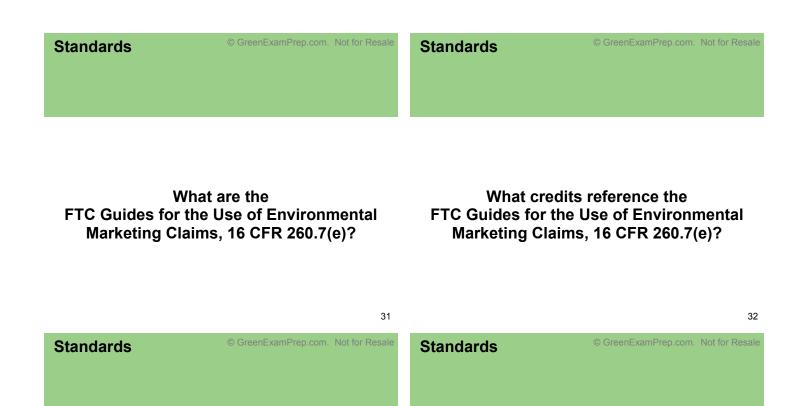


What is the Green-e Renewable Electricity Certification Program ? What credits reference the Green-e Renewable Electricity Certification Program ?

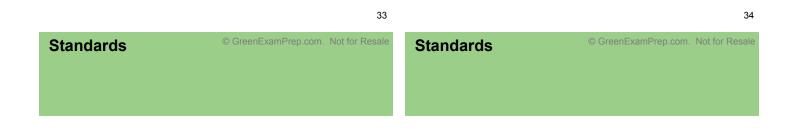
Standards	© GreenExamPrep.com. Not for Resale	Standards	© GreenExamPrep.com. Not for Resale
EA Credit 1.4 Optimize Energy Performance: Equipment & Appliances		helping businesses a	government-backed program nd individuals protect the superior energy efficiency.

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EA Credit 3 Energy Use		for verifying savings p efficiency projects. W methodology geared retrofits, the protocol new building design in a general approach, p	best practice techniques available produced by energy- and water- /hile the emphasis is on a toward performance contracting for identifies the required steps for n Section 6.0. Section 3.0 provides procedures and issues, while guidance on retrofit projects.

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EA Credit 4 Green Power		green electricity products. Those pro greener and cleaner than the averag particular region. To be eligible for th certain threshold criteria for their pro- of renewable energy content such as biomass and small or certified low-inr energy content (to support new gene the non-renewable portion of the energiand and other criteria regarding renewab	npact hydro facilities; "new" renewable eration capacity); emissions criteria for ergy product; absence of nuclear power; le portfolio standards and block er state or region of the United States.



What is the Forest Stewardship Council's Principles and Criteria? What credits reference the Forest Stewardship Council's Principles and Criteria?



What is ANSI/ASHRAE Standard 62.1-2004?

What credits reference ANSI/ASHRAE Standard 62.1-2004?

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MR Credit 4 Recycled	Content	According to the guide: "A recycled content claim m materials that have been recovered or otherwise di waste stream, either during the manufacturing proc after consumer use (post-consumer). To the extent content includes pre-consumer materials, the manu must have substantiation for concluding that the pre would otherwise have entered the solid waste streat recycled content claim, distinctions may be made b and post-consumer materials. Where such distinction express or implied claim about the specific pre-consi- content of a product or package must be substantia	verted from the solid ess (pre-consumer), or the source of recycled facturer or advertiser e-consumer material m. In asserting a etween pre-consumer ons are asserted, any sumer or post-consumer
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MR Credit 7 Certified V	Wood	Certification is a "seal of approval" awarded to forest environmentally and socially responsible forest mar to companies that manufacture and sell products m Certification enables consumers, including architect identify and procure wood products from well-mana use their purchasing power to influence and reward management activities around the world. LEED acc established by the internationally recognized Forest (FSC). FSC was created in 1993 to establish intern management standards (known as the FSC Princip assure that forestry practices are environmentally re beneficial and economically viable.	agement practices and ade from certified wood. ts and specifiers, to ged sources and thereby improved forest epts certification t Stewardship Council ational forest les and Criteria) to
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EQ Prerequisite 1 Minimum IAQ Performance

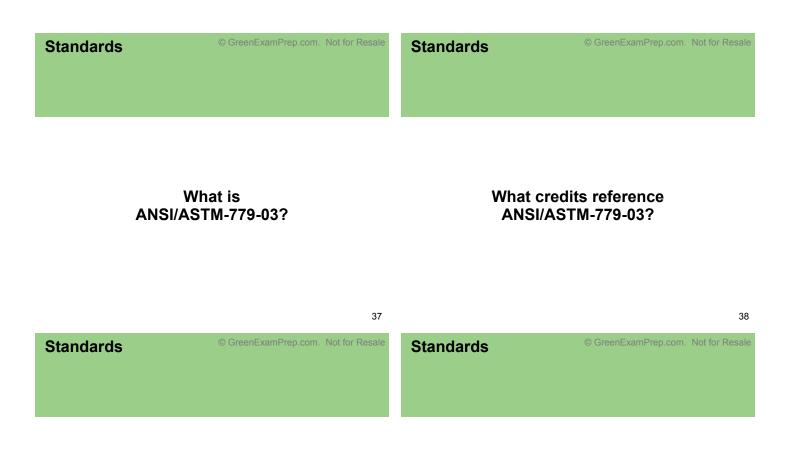
EQ Credit 1 Outdoor Air Delivery Monitoring

EQ Credit 2 Increased Ventilation

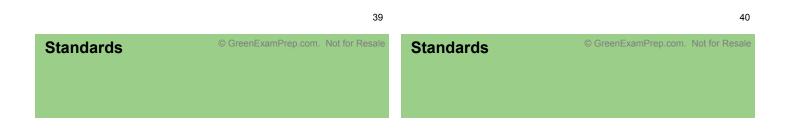
EQ Credit 6.2 Controllability of Systems: Temperature and Ventilation

Ventilation for Acceptable Indoor Air Quality

American Society of Heating, Refrigerating and Air-Conditioning Engineers This standard specifies minimum ventilation rates and indoor air quality (IAQ) levels to reduce the potential for adverse health effects. The standard specifies that mechanical or natural ventilation systems be designed to prevent uptake of contaminants, minimize the opportunity for growth and dissemination of microorganisms, and filter particulates, if necessary. Makeup air inlets should be located away from contaminant sources such as cooling towers; sanitary vents; and vehicular exhaust from parking garages, loading docks and street traffic.

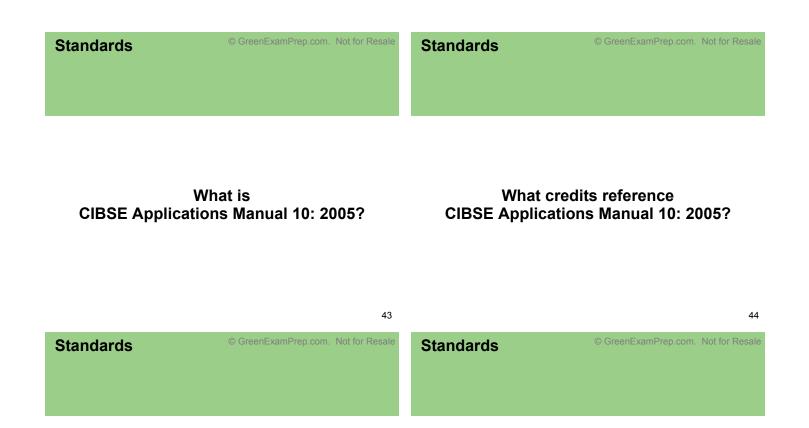






What is the Natural Ventilation in Non-Domestic Buildings, A Guide for Designers, Developers and Owners (Good Practice Guide G237)? What credits reference the Natural Ventilation in Non-Domestic Buildings, A Guide for Designers, Developers and Owners (Good Practice Guide G237)?

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EQ Prerequisite 2 ETS Control	Standard Test Method for Determining Air Leakage Rate by Fan Pressurization Acceptable sealing of residential units shall be demonstrated by blower door tests conducted in accordance with ANSI/ASTM-779-03, Standard Test Method for Determining Air Leakage Rate By Fan Pressurization, AND using the progressive sampling methodology defined in Chapter 7 "Home Energy Rating Systems (HERS) Required Verification And Diagnostic Testing" of the California Low Rise Residential Alternative Calculation Method Approval Manual	
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EQ Prerequisite 2 ETS Control	"Home Energy Rating Systems (HERS) Required Verification and Diagnostic Testing" California Low Rise Residential Alternative Calculation Method Approval Manual Acceptable sealing of residential units shall be demonstrated by blower door tests conducted in accordance with ANSI/ ASTM-779-03, Standard Test Method for Determining Air Leakage Rate By Fan Pressurization, AND using the progressive sampling methodology defined in Chapter 7 "Home Energy Rating Systems (HERS) Required Verification And Diagnostic Testing" of the California Low Rise Residential Alternative Calculation Method Approval Manual	
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EQ Credit 2 Increased Ventilation	The Good Practice Guide 237 is available for no charge but registration (also free) is required to get access to the guide. Under the Energy section of the website, search for "natural ventilation" to find the Guide. The Good Practice Guide 237 is based on an earlier version of the CIBSE AM10.	



What are the IAQ Guidelines for Occupied Buildings Under Construction? What credits reference the IAQ Guidelines for Occupied Buildings Under Construction?

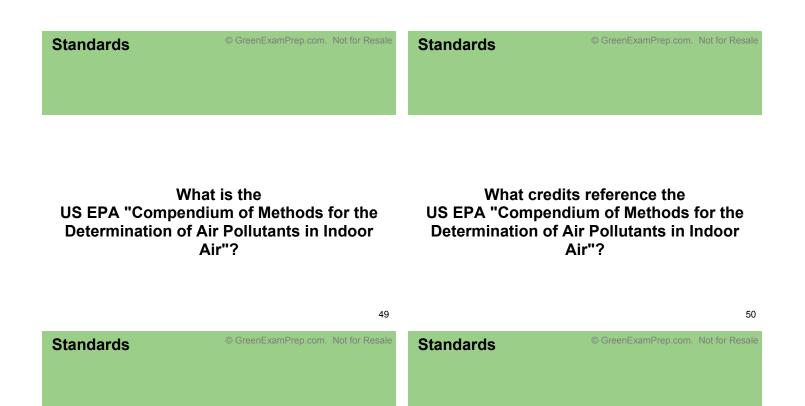


What is ANSI/ASHRAE 52.2-1999?

What credits reference ANSI/ASHRAE 52.2-1999?

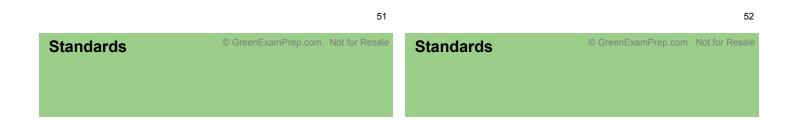
Standards	© GreenExamPrep.com. Not for Resale	Standards © Gre	enExamPrep.com. Not for Resale
EQ Credit 2 Increased Ven	tilation	Natural Ventilation in Non-Domes This manual sets out the various a ventilation and cooling of building relative advantages and disadvan approaches and gives guidance of to design. The AM 10 (2005) prov information on how to implement natural ventilation, either as the se for a building, or as an element in	approaches to s, summarizes the tages of those on the overall approach ides detailed a decision to adopt ole servicing strategy

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EQ Credit 3.1 Construction IAQ Management Plan: During Construction	Sheet Metal and Air Conditioning Contractors' National Association (SMACNA) This standard provides an overview of air pollutants associated with construction, control measures, construction process management, quality control, communications with occupants, and case studies. Consult the referenced standard for measures to protect the building HVAC system and maintain acceptable indoor air quality during construction and demolition activities.
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EQ Credit 3.1 Construction IAQ Management Plan: During Construction EQ Credit 5 Indoor Chemical & Pollutant Source Control	Method of Testing General Ventilation Air-Cleaning Devices for Removal Efficiency by Particle Size This standard presents methods for testing air cleaners for two performance characteristics: the ability of the device to remove particles from the air stream and the device's resistance to airflow. The minimum efficiency reporting value (MERV) is based on three composite average particle size removal efficiency (PSE) points. Consult the standard for a complete explanation of MERV value calculations.



What is the Green Seal Standard 36 (GS-36)?

What credits reference the Green Seal Standard 36 (GS-36)?



What is South Coast Rule #1168?

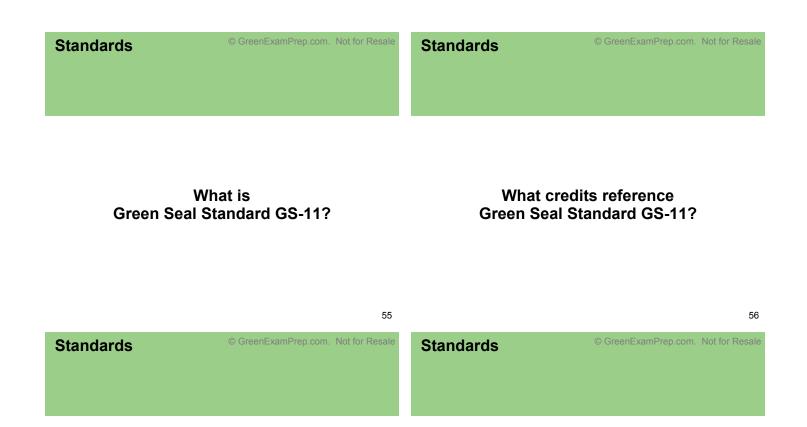
What credits reference South Coast Rule #1168?

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EQ Credit 3.2 Construction IAQ Management Plan: Before Occupancy		and prior to occupand consistent with the U Protection Agency "C Determination of Air	Q testing, after construction ends cy, using testing protocols nited States Environmental Compendium of Methods for the Pollutants in Indoor Air" and as in the CI Reference Guide.

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EQ Credit 4.1 Low-Emitting Materials: Adhesives & Sealants			ependent nonprofit organization that acture and sale of environmentally er products.
		GS-36 is a standard t adhesives.	that sets VOC limits for commercial

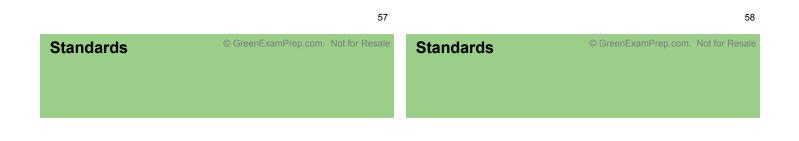
Standards	© GreenExamPrep.com. Not for Resale	Standards	© GreenExamPrep.com. Not for Resale
EQ Credit 4.1 Low-Emitting Sealants EQ Credit 4.2 Low-Emitting	g Materials: Adhesives & g Materials: Paints & Coatings	The South Coast Rule #11 adhesives.	68 VOC sets limits for
·		California with the mission quality for its residents. Th	ntal organization in Southern to maintain healthful air

including South Coast Rule #1168.



What is Green Seal Standard GS-03?

What credits reference Green Seal Standard GS-03?



What is the Green Label?

What credits reference the Green Label?

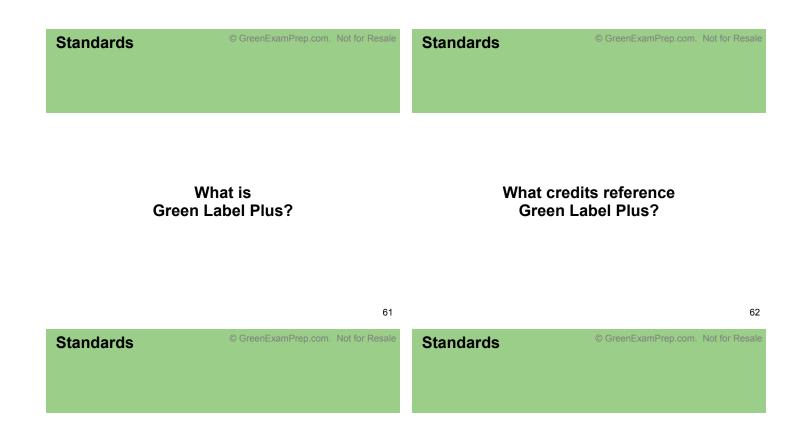
Standards	© GreenExamPrep.com. Not for Resale	Standards	© GreenExamPrep.com. Not for Resale
EQ Credit 4.2 Low-Emitting Materials: Paints & Coatings			ependent nonprofit organization that acture and sale of environmentally er products.

GS-11 is a standard that sets VOC limits for commercial flat and non-flat paints.

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EQ Credit 4.2 Low-Emitting Materials: Paints & Coatings			ependent nonprofit organization that acture and sale of environmentally er products.
		GS-03 is a standard t corrosive and anti-rus	that sets VOC limits for anti- st paints.

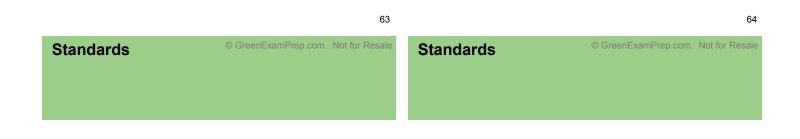
Standards	© GreenExamPrep.com. Not for Resale	Standards	© GreenExamPrep.com. Not for Resale
EQ Credit 4.3 Low-Emitting Materials: Carpet Systems		representing the carr Plus is an independe	Institute is a trade organization bet and rug industry. Green Label ent testing program that identifies or emissions of volatile organic

Carpet pad must meet or exceed CRI Green Label testing and product requirements.



What is the Greenguard Certification Program?

What credits reference the Greenguard Certification Program?



What is the US EPA ETV?

What credits reference the US EPA ETV?

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EQ Credit 4.3 Low-Emitting Materials: Carpet Systems	The Carpet and Rug Institute is a trade organization representing the carpet and rug industry. Green Label Plus is an independent testing program that identifies carpets with very low emissions of volatile organic compounds (VOCs). Carpet must meet or exceed Carpet and Rug Institute's Green Label Plus testing and product requirements. (Green Label Plus does not address backer or adhesive.)
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EQ Credit 4.5 Low-Emitting Materials: Systems Furniture and Seating	The GREENGUARD Certification Program is an industry-independent, third-party testing program for low-emitting products and materials. The program is implemented by the Greenguard Environmental Institute.

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EQ Credit 4.5 Low-Emittin Furniture and Seating	ng Materials: Systems	Technology Verification Protocol for Measurin Aldehydes (Septembor were developed by a the leadership of the l climatically controlled product or furniture as controlled quantity of	Protection Agency's Environmental on (ETV) Large Chamber Test g Emissions of VOCs and er 1999). The standards referenced testing protocol committee under EPA. The protocol uses a test chamber in which the seating ssembly being tested is placed. A conditioned air is drawn through ssion concentrations measured at bur-day period.

Stand	ards
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What is ANSI/ASHRAE Standard 55-2004?

What credits reference ANSI/ASHRAE Standard 55-2004?

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EQ Credit 7.1 Thermal Comfort: Compliance		Thermal Environmental Conditions for Human Occupancy	

This standard specifies the combinations of indoor thermal environmental factors and personal factors that produce thermal environmental conditions acceptable to predicted percentage of the occupants within a defined space and provides methodology to be used for most applications including naturally ventilated spaces.