**U.S. Department of Energy**

**GreenBuy Award Program for Federal Agencies – Fiscal Year 2016**

Under the GreenBuy Award Program, U.S. Department of Energy (DOE) sites and other Federal agency organizations can obtain recognition for purchasing programs that obtain sustainable products, save energy, conserve water, and reduce health and environmental impact. The GreenBuy Award Program is based on a Priority Products List, which identifies a set of products with leadership-level sustainability goals that DOE established to help incentivize sustainable acquisition efforts. The sustainability goals are based on evaluations of environmental standards and input from DOE sites as well as external organizations. Portions of this program have been done in coordination with the General Services Administration (GSA).

This document describes the GreenBuy Award Program. Attachment 1 describes the award nomination process. Attachment 2 contains the Priority Products List and their goals. Attachment 3 is a joint GSA-DOE Verification Guide for Sustainable Products that outlines how to ensure compliance with the sustainability goals and other sustainability requirements included in a contract.

**Federal Sustainable Acquisition**

Federal policy requires all agencies to purchase environmentally preferable products that use less energy and water, reduce or eliminate waste at the source, promote the use of nontoxic or less toxic substances, implement conservation techniques, and reuse materials rather than put them into the waste stream.

Benefits of Sustainable Acquisition

Improves employee health and performance

Reduces greenhouse gas emissions and conserves resources

Reduces maintenance costs

Reduces waste management costs

Supports green building requirements

To achieve these benefits, the Federal government has established requirements for the preferential purchase of products (often referred to as designated products) that are:

* Energy efficient - ENERGY STAR certified or meet Federal Energy Management Program (FEMP) energy efficiency and low standby power requirements
* Fuel efficient – SmartWay certified transport partners
* Water efficient – WaterSense labeled
* Made from biobased content – BioPreferred designated
* Made from recycled-content - Comprehensive Procurement Guideline designated
* Non ozone depleting – Significant New Alternatives Policy (SNAP) alternative
* Non-toxic or less-toxic than conventional alternatives – Safer Choice labeled
* Electronic Product Environmental Assessment Tool (EPEAT) registered
* See Federal Acquisition Regulations Part 23 for the requirements (<http://www.acquisition.gov/far/current/html/FARTOCP23.html#wp227606>)
* See FAR 52.223 for the clauses ([http://www.acquisition.gov/far/current/html/52\_223\_226.html](https://www.acquisition.gov/far/current/html/52_223_226.html))

* See Attachment 3 for information on how to work with vendor/contractor to ensure compliance with Federal requirements.

GSA has a **Green Products Compilation (GPC)** tool (<https://sftool.gov/greenprocurement>) to facilitate the procurement of the designated products. This tool enables Federal purchasers to quickly identify the designated products and their associated guidance documentation to facilitate green purchasing decisions. The tool also can help with verifying sustainable attributes of a product (see Attachment 3).

**DOE Priority Products and GreenBuy Awards Program**

To help navigate this large, overlapping set of requirements, DOE developed the GreenBuy Award based on a list of products with goals that go beyond compliance to embody leadership-level sustainability attributes. The Priority Products List is a compilation of product types in eight categories that depict products with the biggest environmental, social, and economic impact. This is why the Priority Products List forms the backbone of the program. To be considered for GreenBuy Awards, any Federal organization (examples include Federal sites, offices, or services) can annually nominate themselves by declaring which Priority Product goals were met. The Federal organization must report either 1) the product purchased or 2) the product goal adopted as a minimum (required) procurement standard. In addition, the Federal organization needs to identify the criterion achieved and explain the validation methods used. Participating agencies will be responsible for appointing a GreenBuy Award point of contact and for the quality analysis of the goals met by their respective organizations.

**GreenBuy Award Program**

Participating agencies can qualify for GreenBuy Awards at three levels —Gold, Silver, or Bronze— by meeting goals of product types in the Sustainable Product List:

* **Gold: At least 9 products covering at least 5 product categories**
* **Silver: At least 6 products covering at least 3 product categories**
* **Bronze: At least 4 products covering at least 2 product categories**

If a nominee has adopted a sustainability goal as their minimum (required) procurement standard, this product type would qualify as meeting the sustainability goal. If you need to reconcile your agency’s different purchasing systems to align with the GreenBuy Award goals, please see your agency’s GreenBuy Award point of contact.

The awards become progressively more challenging over time, encouraging participants to transition to more and more sustainable products. Awardees will be recognized for the same or higher level in subsequent years but not a lower level. While the same award level may be recognized in consecutive years, the stipulations are:

* Gold level: 3 product types may be repeated
* Silver level: 1 product type may be repeated
* Bronze level: 0 product types may be repeated

**Priority Products List**

The list (see Attachment 2) is a living document that is regularly updated based on feedback from expert reviewers and input from participating Federal agencies. Coming up, for example, will be input resulting from the U.S. Environmental Protection Agency’s (EPA) *Draft Guidelines for Product Environmental Performance Standards and Ecolabels for Voluntary Use in Federal Procurement* (<http://www.epa.gov/epp/draftGuidelines/>) and the 2015-2016 pilot of the Guidelines.

Some of the benefits of using the Priority Products List include:

* Eases the process for identifying sustainable products for purchase
* Supports local Site Sustainability Plans and Environmental Management Systems as well as the agency’s Strategic Sustainability Performance Plans, and Federal Green Challenge
* Offers specifications to include in contracts in the following product categories:
* Cafeteria
* Construction
* Custodial
* Electronics
* Grounds/Landscaping
* Office
* Operations/Fleet/Shipping/Shop

**Participation in the GreenBuy Program**

Participants in the GreenBuy Award Program nominate themselves by reporting the Sustainability Product goals met. Note that participation in the GreenBuy Program is strictly voluntary and that participation in this Program does not replace any sustainability-related reporting requirements but enhances the ability to meet or exceed related sustainability goals.

**New in FY2016**

While our general objective is to keep the Priority Products List goals stable for as long as possible so nominees can plan ahead, we also want to keep goals in tune with the marketplace and nominees needs. Because of the latter, the following is new in FY2016:

Cafeteria

* Food: Additional goals to choose from
  + National Park Service Healthy Food Evaluation
  + Be an EPA Food Recovery Challenge Participant
* Take Out Service: To declare “compostable” must be on Biodegradable Products Institute Certified Products list

Construction

* Carpet: Additional goals to choose from
  + 25% post-consumer recovered content
  + Take back requirement in contract for new carpet
* Acoustical Ceiling Tile: New product with goals to choose from:
  + ULE 2818 GREENGUARD Gold
  + 20% recycled content
  + Take back requirement in contract for new ceiling tile
  + D Biobased content
* Flooring: Additional goal to choose from
  + NSF-332 – NSF International Sustainability Assessment for Resilient Floor Coverings
* Paint: Additional goal to choose from
  + Master Painters Institute Extreme Green Performance Standard

Custodial

* Cleaners: Additional goals to choose from
* Safer Choice labeled (formerly Design for Environment)
* D Biobased
* Disinfectant: New product with one goal:
  + Only use when required (need to describe process)

Custodial

* Floor Care: Additional goal to choose from
  + Safer Choice labeled
* Paper Towels: New product with goals to choose from:
  + Green Seal GS-01
  + 50% post-consumer recycled content + 100% total recycled
* De-Icer: Additional goals to choose from
  + Safer Choice labeled
  + Pacific Northwest Snowfighters Qualified Products
* Shipping Boxes: Formerly “Packing Materials” with goals to choose from
  + Reusable containers
  + D+ 50% post-consumer recycled fiber for corrugated cardboard

**Attachment 1: Nomination Process**

To participate in the GreenBuy Award Program, using the Priority Products List (Attachment 2), nominees must document that their purchases meet the minimum sustainability goals. The minimum sustainability goals within the Priority Products List, in many cases, go beyond basic Federal requirements (noted as “D” for “designated” in the list of products) and instead define optional stretch goals (noted as “D+” for beyond designated) that can be used to help focus sustainable acquisition efforts. Nominees can tailor this list to meet their specific circumstances, allowing them to select categories and products of most value, such as those that align with their Sustainability Plan goals. Nominees may also report additional green products and are encouraged to nominate new candidates for the list. This list may also be used to assist with engaging vendors to supply more sustainable products and to help inform contract or product specification requirements.

Nominees must be a site or regional office. To successfully win an award, nominees will be asked to either track their purchases or confirm their standards:

* Track Purchases - For each product type purchased, calculate the percentage that met the minimum sustainability goals for the Fiscal Year (FY). For example, if 50 LED lights were purchased in the FY and 48 were either ENERGY STAR certified or FEMP qualified, then the minimum sustainability goal of 95 percent for LED lighting was met.
* Confirm Standards - For each product type purchased, confirm that a procurement standard required the minimum sustainable goals for that product type.
* Throughout the FY, sites/regions should be verifying that products received/accepted comply with the sustainability goals specified in their procurements. Attachment 3 is a joint GSA-DOE guide to help with the verification process. Verifying that products received meet the specifications enumerated in a contract or purchasing agreement is good business practice.
* Submit nomination using the FedCenter GreenBuy Award nomination website (<https://www.fedcenter.gov/assistance/fedrpts/greenbuy/index.cfm>?).

**Annual Timeline**

* Oct 1–Nov 30: Nominating organization inputs data to the DOE GreenBuy Award nomination website on FedCenter
* Dec 1–2nd Fri in Dec: Nominating organization’s Agency GreenBuy Point of Contact conducts a quality analysis of the data
* 3rd Mon–3rd Fri in Dec: Approving authority for the organization nominated reviews and approves the nomination
* 4th Mon in Dec: FedCenter GreenBuy Award nomination website closes
* Last week in Jan: DOE, in coordination with participating agencies, announces the GreenBuy Award winners

**Attachment 2: Priority Products List**

The following is a list of the Priority Products (organized by category) and purchasing goals to be met to qualify for GreenBuy Award recognition. The standards referenced and their abbreviations are explained in Attachment 3.

|  |
| --- |
| \* *Televisions are defined as anything with an independent tuner/receiver that is capable of displaying audiovisual signals from various sources*  D *Designated – Those products Federal agencies are required to give preference to which have been designated by the US Department of Agriculture for biobased products, US Department of Energy for FEMP products, US Environmental Protection Agency for ENERGY STAR certified, EPEAT, recycled content, and WaterSense products. For the requirements (such as percent of post-consumer recycled content), see the Green Procurement Compilation (*[*http://www.sftool.gov/GreenProcurement*](http://www.sftool.gov/GreenProcurement)*)*.  D+ *Designated product but the requirement is more than designated because products are readily available on the market with the increased attribute. For example, the required recycled content for toilet tissue is a minimum of 20% post-consumer recycled content. However, toilet tissue with 80% post-consumer recycled content is readily available on the market*.  HBCD *Hexabromocyclododecane (brominated flame retardant)*  VOC *Volatile organic compound* |

| **Product Type** | **Minimum Sustainable Goals** |
| --- | --- |
| **CAFETERIA** | |
| Commercial Food Service Equipment | **Goal: 95% of purchases meet one or more of the following**   * D ENERGY STAR Certified * D FEMP Qualified if water-cooled ice machines * D WaterSense if pre-rinse spray valves |
| Food | **Goal: 50% of purchases meet one or more of the following**   * Local (100-mile radius) * USDA Organic * NPS Healthy Food Evaluation   Or be an EPA Food Recovery Challenge Participant |
| In-Cafeteria Service: Containers,  Cutlery,  Dishware, Dishwasher | **Goal: 100% of purchases meet all of the following**   * Durable (Reusable) Containers, Cutlery, Dishware * D ENERGY STAR Certified Dishwasher |
| Take-Out Service: Containers, Cutlery, Dishware | **Goal: 75% of purchases meet all of the following**   * D Biobased content * BPI certified compostable provided composting available |
| **CONSTRUCTION** | |
| Adhesives | **Goal: 75% of purchases meet one or more of the following**   * SCAQMD Rule #1168 * ULE 2762 * ULE 2818 GREENGUARD Gold |
| Boilers | **Goal: 95% of purchases meet the following**   * D FEMP Qualified |
| Carpet | **Goal: 95% of purchases meet one or more of the following**   * ANSI Platinum NSF-140 (CRI Green Label Plus) * No VOCs or PVC/vinyl * ≥ 25% post-consumer recovered content * Take back requirement in contract for new carpet |
| Ceiling Tile - Acoustical | **Goal: 95% of purchases meet one or more of the following**   * ULE 2818 GREENGUARD Gold * 20% recycled content * Take back requirement in contract for new ceiling tile * D Biobased content |
| Central Air Conditioners | **Goal: 95% of purchases meet the following**   * D ENERGY STAR Certified |
| Chillers – Air Cooled or Water Cooled | **Goal: 95% of purchases meet the following**   * D FEMP energy efficiency requirements |
| Concrete | **Goal: 75% of purchases meet one or more of the following**   * Pervious * D+ 25% Fly Ash Recycled Content * D+ 25% Blast Furnace Slag Recycled Content |
| Fiberboard,  Gypsum  Panels, Wallboard | **Goal: 75% of purchases meet one or more of the following**   * No VOCs * ULE 100 * ULE 2818 GREENGUARD Gold |
| Flooring | **Goal: 75% of purchases meet one or more of the following**   * FloorScore * NSF-332 * ULE 2818 GREENGUARD Gold * No PVC/vinyl |
| Heat Pumps – Air or Ground Source | **Goal: 95% of purchases meet the following**   * D ENERGY STAR Certified |
| Insulation | **Goal: 75% of purchases meet one or more of the following**  Batt (steel frame with metal stud wall)   * No VOCs or fiberglass (LEED recommends cotton) * ULE 2818 GREENGUARD Gold   Foam (preinsulated metal siding)   * ULE 2818 GREENGUARD Gold * D+ 23% biobased content   Foam Board Rigid (roof & concrete buildings)   * No HBCDs or VOCs |
| Lighting: LED Commercial | **Goal: 95% of purchases meet one or more of the following**   * D ENERGY STAR Certified * D FEMP energy efficiency requirements (see Design Light Consortium for product list) |
| Lumber/Wood | **Goal: 75% of purchases meet one or more of the following**   * Salvaged lumber * Forest Stewardship Council (FSC) Certified * No added urea-formaldehyde resins |
| Paint – Interior Latex | **Goal: 75% of purchases meet one or more of the following**   * Green Seal GS-43 * MPI Extreme Green * ULE 2760 (recycled/water-borne) * D+ 50% recovered material and maximum of 50 grams/liter VOCs * D Biobased content |
| Roof Coating | **Goal: 75% of purchases meet one or more of the following**   * No VOCs * D Remanufactured * D+ 50% biobased content |
| Water Heater | **Goal: 90% of purchases meet one or more of the following**  Heat pump   * D ENERGY STAR Certified   Storage Tank- Gas Commercial   * D ENERGY STAR Certified   Tankless   * D ENERGY STAR Certified |
| **CUSTODIAL** | |
| Cleaners: Carpet,  Glass,  Hand, Multipurpose | **Goal: 95% of purchases meet one or more of the following**   * Green Seal GS-37, 41 * ULE 2759, 2784, 2795 * Safer Choice (formerly Design for Environment) * D Biobased content |
| Disinfectants | **Goal: 100% of practices meet the following**   * Only used where required (describe decision process)   (To avoid bacteria becoming immune, use disinfectants only if required) |
| Floor Care | **Goal: 95% of purchases meet one or more of the following**   * Green Seal GS-40 * ULE 2777 * Safer Choice (formerly Design for Environment) |
| Tissue-Toilet | **Goal: 95% of purchases meet one or more of the following**   * Green Seal GS-01 * ULE 175 * D+ 80% PC recycled content |
| Towels-Paper | **Goal: 95% of purchases meet one or more of the following**   * Green Seal GS-01 * D+ 50% post-consumer recycled content and 100% total recycled content |
| Trash Bags – Plastic | **Goal: 75% of purchases meet one or more of the following**   * ULE 126 * D+ 70% PC recycled content |
| **ELECTRONICS** | |
| Computer Thin Clients and Workstations | **Goal: 95% of purchases meet the following**   * D+ EPEAT Registered Gold and ENERGY STAR Certified |
| Imaging Equipment (copiers, etc.), | **Goal: 95% of purchases meet one or more of the following**   * D+ EPEAT Registered (highest rating available) |
| Servers (Enterprise) | **Goal: 95% of purchases meet the following**   * D ENERGY STAR Certified |
| Televisions\* | **Goal: 95% of purchases meet the following**   * D+ EPEAT Registered (highest rating available) |
| **GROUNDS/LANDSCAPING** | |
| De-Icer | **Goal: 75% of purchases meet one or more of the following**   * Sand * Safer Choice (formerly Design for Environment) * Pacific Northwest Snowfighters Qualified Products * D Biobased content |
| Dust Suppressant | **Goal: 75% of purchases meet the following**   * D Biobased content |
| Fertilizer | **Goal: 95% of purchases meet one or more of the following**   * 0% petroleum * D Recovered organic * D Biobased content |
| Herbicide | **Goal: 75% of purchases meet one or more of the following**   * No glyphosate (found in RoundUp and others) * 100% biobased content |
| Vegetation | **Goal: 95% of new landscape plantings meet the following**   * Xeriscape and/or native |
| **OFFICE** | |
| Binders | **Goal: 90% of purchases meet the following**   * D+ 30% post-consumer recycled content and no vinyl |
| Bristols (cardstock) | **Goal: 90% of purchases meet the following**   * D Post-consumer recycled content |
| Cartridges-Toner | **Goal: 75% of purchases meet one or more of the following**   * Remanufactured * STMC registered manufacturer * ULE 2785 |
| Copy Paper | **Goal: 100% of purchases meet the following**   * D+ 50% post-consumer recycled content and processed chlorine free   (Consider specifying post-consumer content AND Green Seal GS-7 or ULE 2771) |
| Furniture | **Goal: 75% of purchases meet one or more of the following**   * BIFMA Level 1 (32 points or higher) * ULE 2818 GREENGUARD Gold |
| **OPERATIONS/FLEET/SHIPPING/SHOP** | |
| Batteries | **Goal: 75% of purchases meet the following**   * Rechargeable and rechargers ENERGY STAR Certified |
| Boxes – Shipping | **Goal: 75% of purchases meet one or more of the following**   * Reusable containers * D+ 50% post-consumer recycled fiber for corrugated cardboard |
| Coolants | **Goal: 75% of purchases meet one or more of the following**   * D Reclaimed * D Biobased content |
| Fuel Conditioners | **Goal: 75% of purchases meet the following**   * D Biobased content |
| Grease:  Multipurpose,  Straight Oil,  Truck | **Goal: 75% of purchases meet the following**   * D Biobased content at respective levels for each type of grease |
| Hydraulic Fluids | **Goal: 75% of purchases meet the following**   * D Biobased content |
| Metalworking Fluids:  General Purpose,  High Performance | **Goal: 75% of purchases meet the following**   * D Biobased content at respective levels for each type of metalworking fluid |
| Oil General: | **Goal: 75% of purchases meet one or more of the following**  Auto Oil   * D Re-refined   Chain and Cable Oil   * D Biobased content   Corrosion Preventative   * D Biobased content   Gear Oil   * D Biobased content   Multipurpose Oil   * D Biobased content   Penetrating Oil   * D Biobased content |
| Parts Wash Solution | **Goal: 75% of purchases meet one or more of the following**   * ULE 2792 * D Biobased content |
| Sorbents | **Goal: 75% of purchases meet one or more of the following**   * D Recycled organics * D Post-consumer recycled fiber * D Biobased content |
| Tires | **Goal: 75% of purchases meet the following**   * D Retreads for trucks and heavy equipment |
| **OTHER** | |
| Any | **Individual Site/Region Leadership Goal:**  ***Submit your site’s/ region’s own Priority Product data if the product and/or attributes are not included in the list above but reflect the criteria for sustainable products.***  Recognition in this category provided by judges depending on circumstances described. |
| Any | **Purchasing Reduction Goal:**  ***Any significant product that was once frequently used and was eliminated by one or more of the following***   * All purchasing was avoided by employing strategies of reuse, avoidance, or substitution (using an alternatives assessment) * Only used versions were purchased in place of new |
| Any | **Technology Transfer Goal:**  ***Any product purchased that was developed and/or tested in whole or significant part by a Federal agency (for example a DOE laboratory or GSA Green Proving Ground or…), such as***   * EonCoat exterior coating (see <http://www.eoncoat.com/>) * Grease gator (see <http://www.solvent-systems.com/aboutgator.htm>) * LED parking lot lighting (see http://www1.eere.energy.gov/buildings/commercial/m/bba\_parking\_lot\_spec.html) * Solar control retrofit film (see http://www.gsa.gov/portal/content/204663) |

**Attachment 3: GSA-DOE Verification Guide for Federal Purchasers of Sustainable Products**

1. **Overview**

This guide is intended for all Federal agencies (particularly procurement officials, requirement officials/specifiers, and other staff who affect acquisition decisions) to help verify contractor compliance with sustainability requirements specified in contracts. Both pre-award procurement actions and post-award procurement actions for verifying compliance are outlined in this guide. This document is not designed to provide guidance on determining which sustainable requirements must be included in the contract. For more information on determining what sustainable requirements are applicable for your procurement, visit the Green Procurement Compilation (<https://sftool.gov/greenprocurement> - on the Sustainable Facilities Tool website).

**II. Pre-Award Procurement Actions**

**Product Information:** In addition to ensuring all applicable sustainable requirements are specified in the contract, ensure language is included in procurements requiring a contractor to submit product documentation verifying compliance with the contract’s sustainable requirements. Some of the federal sustainability standards (see Vendor Compliance Determination Resources Section below) require the product to be third party certified and provide a database showing compliant products. As a general guideline, give preference for products with detailed information regarding their sustainable attributes (for example, environmental product declaration, multi-attribute sustainability label) or products providing independent verification of sustainable attributes. Preferable is third-party certified product documentation, but the manufacturer can also document which sustainability requirements the product meets. While material safety data sheets (MSDS) may contain information regarding sustainable attributes, these documents are usually not designed to capture specific sustainability requirements. Product documentation verifying compliance with sustainable requirements need only be required once from the contractor for new products submitted on the contract.

**Waste Management Reports:** If waste management is included in the statement of work (for example, janitorial contracts, construction or demolition contracts), ensure language is included requiring documentation showing compliance with all waste diversion requirements (for example, management hauling receipt, certificate of recycling). Consider requiring third party certified construction or demolition waste recyclers. Required waste management documentation should be identified in the contract, so contractors understand the documentation they will need to show waste management compliance. For accurate waste diversion measurement, require the waste hauler to provide weights (and not volumes) of materials disposed and recycled. See the Sample Janitorial Services Contract on the Green Procurement Compilation for sample statement of work language (https://sftool.gov/greenprocurement/green-services/7/janitorial-services).

**Construction Administration/Management Services:** On construction projects, specify in the scope of work for construction administration/management services that the contractor performing such services must verify compliance with sustainable product requirements during the construction phase of the project. Including such language within the scope of work will reduce the verification burden on the government project team members during post-award phase of construction projects. Ensure the construction administration/management contractor understands relevant construction sustainability standards and specifications.

**Project Submittals Naming Convention:** Project teams can establish a naming convention that specifies how project submittals (for example, product documentation) will identify if products are sustainable according to the contractual requirements. For example, project teams could require that contractors add the suffix “-sustainable” at the end of every sustainable product submittal. This would help project teams identify whether product submittals are compliant with sustainable requirements.

**III. Post-Award Procurement Actions**

**Final Deliverables:** Verify that final deliverables (such as, design, study, etc.) have incorporated sustainability requirements.

**Product or Service Documentation Submission:** Verify that product documentation or project submittals provided by contractors show compliance with all sustainable requirements. See Resources for Verifying Sustainable Products section below for further guidance. If there are too many product documents or project submittals to verify every one, random sampling can be used for verification.

**Waste Management Report Submission:** Verify that waste management hauling receipts show compliance with all waste management requirements. If there are too many waste management hauling receipts to verify every one, random sampling can be used for verification.

**IV. Resources for Verifying Sustainable Products**

The resources (referenced websites) in this section can be used to determine whether documentation provided by the contractor confirms the product or service meets the sustainable requirements included in the contract. It is up to the contractor and/or vendor to provide credible and verifiable documentation to demonstrate compliance with all sustainability requirements. The standards listed are based on those presently used in various DOE and GSA programs. It is not a finite list because this is a living document that is continually updated as new specifications, standards, and ecolabels are used by GSA and DOE in accordance with current federal purchasing requirements.

The [Green](https://sftool.gov/learn/about/43/materials-resources) Procurement Compilation (<https://sftool.gov/greenprocurement> - on the Sustainable Facilities Tool website) is also a source for accessing many of the specifications, standards, and ecolabels listed here. The Green Procurement Compilation website denotes which specifications, standards, or ecolabels are required for federal agencies.

**Vendor Compliance Determination Resources with Multiple Attributes:** Visit the Materials and Resources webpage (<https://sftool.gov/learn/about/43/materials-resources> - on the Sustainable Facilities Tool website) for terms that help define sustainable acquisition and thereby give an overview of how multiple attributes better identify sustainable products.

**BIFMA** - Business and Institutional Furniture Manufacturers Association standards

* **Covered Product Type –** Office Furniture
* **Compliance Determination:** Determine if documentation provided by contractor confirms the product meets the Level 1, Standard e3-2011e (<http://www.bifma.org/standards/index.html>). For a list of registered products, see <http://levelcertified.org>.

**CA Section 01350** – California Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers CA Section 01350

* **Covered Product Types –** Indoor Sources of Volatile Organic Chemical Emissions
  + Carpet
  + Ceiling Tiles – Acoustical
  + Fiberboard
  + Flooring
  + Gypsum Board
  + Joint Sealers
  + Paint and Wall Coverings
* **Compliance Determination:** Confirm products meet CA Section 01350 (<http://www.calrecycle.ca.gov/GreenBuilding/Specs/Section01350/Block225Spec.pdf>)

**EPA** – U.S. Environmental Protection Agency Food Recovery Challenge

* **Covered Product Type –** Food
* **Compliance Determination:** Confirm the contractor is on the EPA Food Recovery Challenge list (http://www.epa.gov/epawaste/conserve/smm/foodrecovery/participants.htm). To become an EPA Food Recovery Challenge participant, see http://www.epa.gov/smm/foodrecovery/joinnow.htm

**EPEAT** – Green Electronics Council’s Electronic Product Environmental Assessment Tool

* **Covered Product Types**
  + Computers & Displays (includes slates and tablets)
  + Imaging Equipment (copiers, fax machines, printers, scanners, etc.)
  + Televisions
* **Compliance Determination:** Determine if documentation provided by contractor confirms that product is an active EPEAT registered product on the EPEAT Registry. The EPEAT website contains a list of active registered products (<http://ww2.epeat.net/searchoptions.aspx>).

**FSC** – Forest Stewardship Council sustainable forest standard

* **Covered Product Type –** Forest Products (Paper and Wood)
* **Compliance Determination:** Determine if documentation provided by contractor confirms the product is FSC labeled. The Forest Stewardship Council website contains a list of certified products (<https://us.fsc.org/find-products.213.htm>).

**Green Seal** – Green Seal, Inc. standards

* **Covered Product Types**
  + Adhesives
  + Cleaning Products & Services
  + Construction Materials & Equipment
  + Hand Soaps
  + Hotels & Lodging
  + Napkins, Paper Towels, Tissues
  + Paints & Coatings
  + Printing and Writing Paper
  + Restaurants & Food Service
* **Compliance Determination:** Determine if documentation provided by contractor confirms via product label or other language that product is Green Seal certified. The Green Seal website contains a list of certified products ([www.greenseal.org](http://www.greenseal.org)).

**LEED** - U.S. Green Building Council’ Leadership in Energy and Environmental Design standards

* **Covered Product Types -** Numerous
* **Compliance Determination:** Determine if documentation provided by contractor confirms the product meets the minimum LEED (third-party certification of structures) requirements for Existing Buildings Operations & Maintenance (<http://www.usgbc.org/resources/leed-existing-buildings-operations-amp-maintenance-recertification-guidance>) or New Construction (<http://www.usgbc.org/resources/leed-new-construction-v2009-current-version>).

**MPI** - Master Painters Institute, Inc. Extreme Green Performance Standard

* **Covered Product Types –** Paints & Coatings
* **Compliance Determination:** Determine if documentation provided by contractor confirms the product meets the minimum MPI Extreme Green Performance Standard (<http://www.paintinfo.com/MPInews/ExtremeGreen_Jan2010.shtml>), which specifies compliance with Green Performance Standard (GPS-1-12 and GPS-2-12) requirements (<http://www.paintinfo.com/GPS/GPS-01%20GPS-2%20Oct%202012.pdf>) and the Collaborative for High Performance Schools (CHPS) emissions requirements. For quick identification, the product will be on the MPI Approved Product list with an “X-Green” designation. All X-Green products are listed on the MPI website at http://www.specifypaint.com/APL/paintinfo\_APL\_new/ProductIdxByMPInum.asp

**NPS** – National Park Service Healthy Food Choice Standards

* **Covered Product Type –** Food
* **Compliance Determination:** Determine if documentation provided by contractor confirms the availability of food aligns with the National Park Service Healthy Food Choice Standards (http://concessions.nps.gov/docs/policies/Frontcountry\_Healthy\_Foods.pdf)

**NSF-140** - NSF International Sustainable Carpet Assessment Standard

* **Covered Product Type –** Carpet
* **Compliance Determination:** Determine if documentation provided by contractor confirms the product meets the minimum NSF International Sustainable Carpet Assessment Standard (referred to by former name of CRI Green Label Plus Carpet Testing Program in LEED standards) requirements (http://info.nsf.org/Certified/Sustain/listings.asp)

**NSF-332** - NSF International Sustainability Assessment for Resilient Floor Coverings

* **Covered Product Type –** Flooring
* **Compliance Determination:** Determine if documentation provided by contractor confirms the product meets the minimum NSF International Sustainability Assessment for Resilient Floor Coverings requirements (http://info.nsf.org/Certified/Sustain/listings.asp)

**PNSS** – Pacific Northwest Snowfighters Specifications

* **Covered Product Type –** De-icer
* **Compliance Determination:** Determine if documentation from contractor confirms the product meets the Pacific Northwest Snow-fighters specifications (<http://pnsassociation.org/wp-content/uploads/PNSSPECS.pdf>) and is on the PNS Qualified Products List.

[**Safer Choice**](http://energy.gov/eere/femp/covered-product-categories) - U.S. Environmental Protection Agency’s Safer Choice program (formerly known as Design for Environment)

* **Covered Product Types**
  + Cleaners
  + Degreasers
  + De-icers
  + Dust Control
  + Fires Fighting
  + Heating & Cooling Maintenance
  + Laundry and Dish Detergents
  + Paint
  + Tire Additives
  + Other
* **Compliance Determination:** Determine if documentation provided by contractor confirms via product label or other language that product has the Safer Choice label ([http://www2.epa.gov/saferchoice) --formerly](http://www2.epa.gov/saferchoice)%20--formerly) Design for the Environment.

**STMC** - International Imaging Technology Council’s Standardized Test Methods Committee

* **Covered Product Type –** Remanufactured Cartridges
* **Compliance Determination:** Determine if documentation provided by contractor confirms the product manufacturer is STMC certified (<http://www.i-itc.org/vendors.html>).

**ULE** – Underwriters Laboratories Environmental Standards

* **Covered Product Types –** Numerous
* ULE 100 Gypsum Boards/Panels (formerly EcoLogo 20)

Standard: <http://www.comm-2000.com/ProductDetail.aspx?UniqueKey=23605>

* ULE 126 Plastic Trash Bags (formerly EcoLogo 126)

Standard: <http://www.comm-2000.com/ProductDetail.aspx?UniqueKey=24209>

Products: http://productguide.ulenvironment.com/SearchResults.aspx?CertificationID=27&CategoryID=72&SubCategoryID=409

* ULE 175 Toilet Tissue (formerly EcoLogo 82)

Standard: <http://www.comm-2000.com/ProductDetail.aspx?UniqueKey=27249>

Products: http://productguide.ulenvironment.com/SearchResults.aspx?CertificationID=27&CategoryID=89&SubCategoryID=482

* ULE 2759 General Cleaner (formerly EcoLogo 146)

Standard: <http://www.comm-2000.com/ProductDetail.aspx?UniqueKey=23384>

Products: http://productguide.ulenvironment.com/SearchResults.aspx?CertificationID=27&CategoryID=30&SubCategoryID=233

* ULE 2760 Paint (formerly EcoLogo 48)

Standard: <http://www.comm-2000.com/ProductDetail.aspx?UniqueKey=23429>

Products: http://productguide.ulenvironment.com/SearchResults.aspx?CertificationID=27&CategoryID=15

* ULE 2762 Adhesives (formerly EcoLogo 46)

Standard: <http://www.comm-2000.com/ProductDetail.aspx?UniqueKey=23406>

Products: http://productguide.ulenvironment.com/SearchResults.aspx?CertificationID=27&CategoryID=23

* ULE 2771 Copy Paper (formerly EcoLogo 077)

Standard: <http://www.comm-2000.com/ProductDetail.aspx?UniqueKey=23431>

Products: http://productguide.ulenvironment.com/SearchResults.aspx?StandardID=26

* ULE 2777 Floor Cleaner (formerly EcoLogo 147)

Standard: <http://www.comm-2000.com/ProductDetail.aspx?UniqueKey=23607>

Products: http://productguide.ulenvironment.com/SearchResults.aspx?CertificationID=27&CategoryID=25

* ULE 2784 Hand Cleaner (formerly EcoLogo 104)

Standard: <http://www.comm-2000.com/ProductDetail.aspx?UniqueKey=23404>

Products: http://productguide.ulenvironment.com/SearchResults.aspx?CertificationID=27&CategoryID=30

* ULE 2785 Toner Cartridges (formerly EcoLogo 39)

Standard: <http://www.comm-2000.com/ProductDetail.aspx?UniqueKey=26359>

Products: http://productguide.ulenvironment.com/SearchResults.aspx?CertificationID=27&CategoryID=82

* ULE 2792 Parts Wash Solution (formerly EcoLogo 110)

Standard: <http://www.comm-2000.com/ProductDetail.aspx?UniqueKey=24139>

Products: http://productguide.ulenvironment.com/SearchResults.aspx?CertificationID=27&CategoryID=30&SubCategoryID=316

* ULE 2795 Carpet Cleaner (formerly EcoLogo 148)

Standard: <http://www.comm-2000.com/ProductDetail.aspx?UniqueKey=24123>

Products: <http://productguide.ulenvironment.com/SearchResults.aspx?CertificationID=27&CategoryID=30>

* ULE 2818 GREENGUARD Gold (Underwriters Laboratories GREENGUARD Certification Program Method for Chemical Emissions for Building Materials, Finishes and Furnishings)

Standard: <http://www.comm-2000.com/PurchaseProduct.aspx?UniqueKey=27251>

Product: <http://productguide.ulenvironment.com/SearchResults.aspx?CertificationID=2>

Further Information: <http://greenguard.org/en/CertificationPrograms/CertificationPrograms_childrenSchools.aspx>

To access the standards:

Once at the URL indicated, click on “Checkout”

Log on with your user name and password (you’ll have to set that up if you have not already)

Select “Checkout” once again

Select “Download PDF” (red box)

Select “Download Standard (red box)

Open standard as Adobe Acrobat (pdf) file

Note: While some Underwriters Laboratories standards are designated as “UL” and others as “ULE,” for this document “ULE” is used throughout for consistency.

* **Compliance Determination:** Determine if documentation provided by contractor confirms via product label or other language that product is ULE certified (formerly “EcoLogo” label by Terra Choice and prior to that “Environmental Choice” label).

**Vendor Compliance Determination Resources with Single Attributes**

Visit the [Green](https://sftool.gov/learn/about/43/materials-resources) Procurement Compilation (https://sftool.gov/greenprocurement) for information on designated product requirements. This information can be used to better understand the designated product requirements and how to verify whether contractors/vendors are providing compliant products.

**BioPreferred** - U.S. Department of Agriculture’s standards for biobased content

* **Covered Product Types:** 
  + Custodial Services
  + Films and Packaging
  + Food Services/Cafeteria
  + Grounds Maintenance
  + Intermediates
  + Minor Construction
  + Miscellaneous
  + Operations and Maintenance
  + Personal Care and Toiletries
  + Safety Equipment
  + Vehicle and Equipment Maintenance
* **Compliance Determination Option 1:** Determine if documentation provided by contractor confirms via product label or other language that product is BioPreferred.
* **Compliance Determination Option 2:** If only biobased content is provided, visit BioPreferred website (<http://www.biopreferred.gov/BioPreferred/faces/catalog/Catalog.xhtml>) and search for product category. The webpage for each product category states the required minimum biobased percentage that the product must meet. After determining the required percentage, compare this percentage to the biobased content stated in the contractor provided documentation. When the contract specifies a higher biobased content percentage than USDA BioPreferred, this higher biobased content percentage should be verified.

**BPI** – Biodegradable Products Institute Certified Products

* **Covered Product Types**
  + Cups
  + Cutlery
  + Take Out Containers
  + Food Waste Bags
  + Yard Waste Bags
  + Resins and Coatings
* **Compliance Determination:** Determine if documentation provided by contractor confirms the product is on the BPI Certified Products list (http://products.bpiworld.org/).

**CPG** - U.S. Environmental Protection Agency’s Comprehensive Procurement Guidelines for recycled content

* **Covered Product Types**
  + Construction Products
  + Landscaping Products
  + Non-Paper Office Products
  + Paper and Paper Products
  + Park and Recreation Products
  + Transportation Products
  + Vehicular Products
  + Miscellaneous Products
* **Compliance Determination Option 1:** Determine if documentation provided by contractor confirms via product label or other language that product meets CPG.
* **Compliance Determination Option 2:** If only recycled content is provided, visit the CPG website (http://www.epa.gov/epawaste/conserve/tools/cpg/products/index.htm) and search for product category. The webpage for each product category states the required minimum recycled content percentage that the product must meet. After determining the required percentage, compare this percentage to the recycled content stated in the contractor documentation. When the contract specifies a higher recycled content percentage than EPA CPG, this higher recycled content percentage should be verified.

**ENERGY STAR** – U.S. Environmental Protection Agency’s energy efficiency standards

* **Covered Product Types** 
  + Building Products
  + Commercial Appliances and Food Equipment
  + Electronics
  + Heating & Cooling
  + Lighting & Fans
  + Office Equipment
  + Water Heaters
* **Compliance Determination:** Determine if documentation provided by contractor confirms via product label or other language that product is ENERGY STAR certified. Verify that information on the ENERGY STAR website (<http://www.energystar.gov/products/certified-products>).

**FEMP** - U.S. Department of Energy’s Federal Energy Management Program (FEMP) energy efficiency standards

* **Covered Product Types**
  + Boilers
  + Chillers
  + Gas Water Heaters
  + Ground Source Heat Pumps
* **Compliance Determination:** Determine if documentation provided by contractor confirms that product meets the minimum energy efficiency requirement stated on the FEMP website (<http://www2.eere.energy.gov/femp/technologies/eep_purchasingspecs.html>). This website lists the minimum energy efficiency required for each product type. After determining the minimum efficiency, compare this efficiency to the energy efficiency stated in the documentation provided by the contractor.

**FEMP Low-Standby Power** - U.S. Department of Energy’s Federal Energy Management Program (FEMP) standard

* **Covered Product Types**
  + Computer- Desktop
  + Computer- Thin Client
  + Computer- Workstation
* **Compliance Determination:** Determine if documentation provided by contractor confirms via product label or other language that product is a FEMP Low-Standby Power product as denoted on the [FEMP website](http://energy.gov/eere/femp/low-standby-power-products) (<http://energy.gov/eere/femp/low-standby-power-products>).

**FloorScore** - Resilient Floor Covering Institute in conjunction with Scientific Certification Systems third-party Air Emission Certification

* **Covered Product Types –** Flooring and Flooring Adhesives
* **Compliance Determination:** Determine if documentation provided by contractor confirms the product meets the minimum Air Emission Certification of volatile organic compound free flooring and flooring adhesives (<http://www.scscertified.com/gbc/floorscore.php>).

**Organic** - U.S. Department of Agriculture’s (USDA) Organic Food Standard

* **Covered Product Type –** Food
* **Compliance Determination:** The USDA organic seal verifies that the product has 95 percent or more certified organic content and confirms no genetically modified organisms. USDA organic is “a labeling term that indicates that the food or other agricultural product has been produced through approved methods that integrate cultural, biological, and mechanical practices that foster cycling of resources, promote ecological balance, and conserve biodiversity. Synthetic fertilizers, sewage sludge, irradiation, and genetic engineering may not be used.”Determine if documentation provided by contractor confirms via product label or other language that product is USDA certified organic (<http://www.ams.usda.gov/AMSv1.0/nop>).

**SCAQMD** - South Coast Air Quality Management District (SCAQMD)

* **Covered Product Type**
  + Adhesives and Sealants (Rule #1168)
  + Architectural Coatings (Rule #1113)
* **Compliance Determination:** Look up the maximum volatile organic compound (VOC) level on the SCAQMD Rule limits for the material in question. After determining the maximum VOC level, compare this level to the VOC content stated in the contractor provided documentation. Determine if documentation provided by the contractor confirms the product meets the minimum volatile organic compounds specified in SCAQMD (Rule #1168 - <http://www.arb.ca.gov/drdb/sc/curhtml/r1168.pdf>) (Rule #1113 - http://www.arb.ca.gov/DRDB/SC/CURHTML/R1113.PDF).

**SmartWay** – U.S. Environmental Protection Agency fuel efficiency partner program

* **Covered Product Type –** Fuel
* **Compliance Determination:** Confirm the freight transportation contractor is on the EPA SmartWay Partner list (http://www.epa.gov/smartway/about/partnerlists.htm).

**SNAP** – U.S. Environmental Protection Agency’s Significant New Alternatives Policy (SNAP) for ozone depleting substances

* **Covered Product Types**
  + Adhesives, Coatings, and Inks
  + Aerosols
  + Cleaning Solvents
  + Fire Suppression and Explosion Protection
  + Foam Blowing Agents
  + Refrigeration & Air Conditioning
  + Sterilants
* **Compliance Determination:** Determine if documentation provided by contractor confirms that product is an acceptable substitute for an ozone-depleting substance or high-global warming potential substance as stated on the [SNAP website](http://www.epa.gov/spdpublc/snap/lists/index.html) (<http://www.epa.gov/ozone/snap/lists/index.html>). This website lists acceptable substitutes for each product type. If proposed product is listed as ozone depleting substance or high-global warming potential substance, then work with contractor to use an acceptable substitute as listed on the website.

[**WaterSense**](http://www.epa.gov/WaterSense/products/) - U.S. Environmental Protection Agency’s water efficiency standards

* **Covered Product Types:**
  + Landscape Irrigation Controllers
  + Showerheads
  + Spray Valves-Commercial Pre-Rinse
  + Urinals-Flushing
* **Compliance Determination:** Determine if documentation provided by contractor confirms via product label or other language that product has the WaterSense label (<http://www.epa.gov/watersense/product_search.html>).

**V. Additional Resources**

* **Ecolabel Index** - Big Room Inc. index of ecolabels (<http://www.ecolabelindex.com/ecolabels/>). Payment for use of the Ecolabel Index is required.
* **Responsible Purchasing Network** has published a set of Green Purchasing Best Practices Guides for the National Association of State Procurement Officials. The webpage for these guides is http://www.responsiblepurchasing.org/resources/naspo\_rpn\_purchasing\_guides/index.php.
* **Department of Defense** (<http://www.denix.osd.mil/spp/>) is piloting a Multi-Attribute third-party sustainability certification with GreenCircle Certified (<http://www.greencirclecertified.com/multi-attribute.html>). GreenCircle’s multi-attribute Certified Environmental Facts label can be used to identify manufacturers who supply products with multiple sustainability attributes of their products, packaging and manufacturing processes. The nutrition label format will help easily identify these attributes in one easy to read format.