**U.S. Department of Energy**

**GreenBuy Award Program – Fiscal Year 2022**

Under the GreenBuy Award Program, U.S. Department of Energy (DOE) sites receive recognition for purchasing programs that obtain sustainable products and services, save energy, conserve water, and reduce negative health and environmental impact. Sites that choose to participate in this voluntary program have the option to go beyond meeting all sustainable acquisition requirements and demonstrate leadership by working toward a GreenBuy or a GreenSpace Award.

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 performance standards, ecolabels, and input from DOE sites as well as external organizations. The goals often go beyond the Federal requirements (see “Federal Sustainable Acquisition Requirements” section below) but do not preclude responsibility for meeting the Federal sustainable acquisition requirements.

The GreenSpace Award is a component of the GreenBuy Award Program. The GreenSpace Award is for achieving goals for multiple products within a single space or function: cafeteria, conference room/auditorium, fleet, or grounds/landscaping. The products are the same as those for the GreenBuy Award but are limited to those applicable to the particular space or function. The product goals are the same as those on the Priority Product List.

This document describes the DOE GreenBuy Award Program for FY 2022.

* Attachment 1 describes how sites choosing to participate can nominate themselves for a GreenBuy award.
* Attachment 2 describes the specifications for achieving a GreenSpace Award.
* Attachment 3 contains the Priority Products List and purchasing goals.
* Attachment 4 contains resource information pertaining to the Priority Products List and is a Verification Guide for Sustainable Products[[1]](#footnote-1) that was developed jointly by DOE and the General Services Administration (GSA). The Verification Guide, which explains how DOE sites can demonstrate compliance with the product sustainability goals and Federal acquisition requirements, should be used by purchasing organizations to justify GreenBuy and GreenSpace Award nominations. All acronyms and abbreviations can be found in the Verification Guide as well.

**Federal Sustainable Acquisition Requirements**

Federal policy requires all agencies to purchase environmentally preferable products and services 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. The benefits of sustainable acquisition include:

* Improves employee health and performance
* Reduces emissions of greenhouse gases and other pollutants
* Conserves resources
* Reduces maintenance costs
* Reduces waste management costs
* Supports green building requirements

To achieve these benefits, the Federal government has established requirements[[2]](#footnote-2) 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

See Attachment 4 for information on how to work with suppliers, vendors, and contractors to ensure compliance with Federal requirements.

GSA has a Green Procurement Compilation (GPC) tool[[3]](#footnote-3) to facilitate the procurement of the designated products. This tool enables Federal purchasers to identify the designated products and associated guidance to support green purchasing decisions. This tool can also help with verifying sustainable attributes of a product (see Attachment 4).

**DOE Priority Products and GreenBuy Awards Program**

The DOE GreenBuy program is based on the Priority Products List, a compilation of product types, in seven categories, with potentially significant environmental, social, and economic impacts.

To be considered for GreenBuy or GreenSpace Awards, DOE sites can annually nominate themselves by declaring which Priority Product goals were met. DOE sites must report either: 1) the percentage of the product purchased and goal(s) met, or 2) the product goal(s) adopted as a minimum procurement requirement. In addition, DOE sites need to describe the validation methods used. For the GreenBuy Award under the category of “Other,” DOE sites may nominate additional products for consideration with sustainable attributes that are equivalent to those goals specified in the Priority Products list. Any number of products may be submitted in the “Other” category.

As a Federal purchaser, DOE is required to purchase all designated products but may make exceptions if the required products do not meet cost, availability, or performance needs. Because the GreenBuy Program is voluntary, however, no exceptions are allowed. Therefore, varying percentages are specified for the products purchased to achieve the GreenBuy Award. These percentages pertain to the number of products purchased and are not to be confused with the percent of a specific attribute (recycled content, for example) that a product should contain.

For the GreenSpace Award at the Gold level, at least one goal must be met for each product that pertains to the particular space or function.

**Annual Timeline (If deadlines fall on non-working day, the next working day is applicable.)**

* Oct 1–Dec 31: DOE site inputs data to the GreenBuy Award nomination website on FedCenter[[4]](#footnote-4)
* Jan 7: DOE-HQ completes quality analysis of the data
* Jan 8-14: DOE approving authority reviews and approves the nomination
* Jan 15: FedCenter GreenBuy Award nomination website closes
* 4th week in Jan: DOE announces the GreenBuy and GreenSpace Award winners

**Attachment 1: GreenBuy Award Process**

**Nominations**

DOE sites choosing to participate in the GreenBuy Award Program start by using the Priority Products List (Attachment 3). Nominees must document their purchases meet the minimum sustainability goals within the Priority Products List (see Attachment 4). In many cases these goals go beyond basic Federal requirements (noted as “R” for “required” in the list of products). Where the list includes optional stretch goals (noted as “R+” for exceeding the requirement) these can be used to help inform sustainable acquisition voluntary leadership efforts.

To successfully win an award, nominees either track their purchases or confirm adoption of minimum procurement requirements:

* Track Purchases - For each product type purchased, calculate the percentage that met the minimum sustainability goals for the FY. For example, if 50 Light Emitting Diode (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. If, however, 50 LED lights were purchased and only 90 percent met one of the Priority Product goals, a DOE site can give an explanation in the nomination that will be taken into consideration, should the reason be a situation beyond the DOE site’s control.
* Confirm Adoption of Minimum Procurement Requirements - Confirm that minimum procurement requirements address the goals.
* Use of other standards - Nominate the use of other certifications or standards that are as effective as the ones specified in the Priority Products List, in the field marked “other.”
* Procurement Sustainability Goals - Throughout the FY, nominees will verify that products received/accepted comply with the sustainability goals specified in their procurements. Attachment 4 is a joint GSA-DOE guide to assist with the verification process. Verifying that products received meet the specifications enumerated in a contract or purchasing agreement is good business practice.
* Submit Nomination – Location to be determined.

Nominees can tailor their use of the Priority Products 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.

**Award Levels**

DOE sites can qualify for GreenBuy Awards at three levels —Gold, Silver, or Bronze— by meeting product goals in the Priority Products 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

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 or 30% of products claimed (whichever is higher) may be repeated from previous years
* Silver level: 1 product type may be repeated from previous years
* Bronze level: 0 product types may be repeated from previous years

Repeated product types are evaluated on a case-by-case basis, with credit given to those that successfully demonstrate transitioning to a more rigorous goal from the one met the previous year.

Sites that win GreenBuy Gold multiple times are eligible for the following awards:

* Prime: for earning Gold 3-4 times
* Superior: for earning Gold 5-9 times
* Elite: for earning Gold 10 or more times

**Attachment 2: GreenSpace Award Process**

The GreenSpace Award focuses on greening an entire space by addressing all aspects of that function. The GreenSpace Award can be achieved at multiple levels over multiple years.

DOE sites can achieve a GreenSpace Award in the GreenBuy Program by achieving at least one goal on the Priority Products List for each pertinent product in any of the listed spaces or functions. If a product is not applicable, then no goal needs to be met. See Attachment 3 for the Priority Product goals.

The levels of the GreenSpace Award are:

* Gold – 100% of products
* Silver – 80% of products
* Bronze – 60% of products

**Levels.** Higher levels of the award can be achieved in successive years. For example, if 60% of the products listed for the Cafeteria GreenSpace Award meet at least one goal, then the Bronze award is achieved. If in a following year, an additional 20% is achieved (e.g., in the case of a cafeteria, two additional products would meet the 80% level), then the space would be eligible for a Silver Award. If in a third year another 20% is achieved (meaning 100% of the products), that space would be eligible for a Gold Award—three awards all for the same space. The years in which the award levels are achieved do not have to be consecutive.

**Year of Purchase.** For the first nomination of a particular space or function, products can be claimed no matter the year in which they were purchased so long as the product 1) is still in use in the space being nominated, and 2) meets at least one of the goals denoted for that product in the Priority Products List.

**Goals in Year Claimed.** Should a product be claimed in a subsequent year when striving for a higher level award, it need only meet the goal specified in the year initially claimed. For instance, if in achieving the 60% Bronze level, LED lights were claimed to meet the ENERGY STAR goal, in the subsequent year, when achieving the 80% Silver level, the LED lights do not have to meet a higher level ENERGY STAR goal than the year in which they were initially claimed.

**Other Goals and Spaces/Function.** Credit can be claimed for 1) other products in a given function that meet goals of comparable sustainability rigor to those in the Priority Products List, and 2) other spaces or functions than those listed as eligible for the GreenSpace Award.

For each of the products listed for each function, at least 1 goal for that product on the Priority Products List (Attachment 3) must be met.

**Nomination Submission.** Location to be determined.

**Cafeteria GreenSpace Award** (To achieve the GreenSpace Award, meet at least one of the goals for each product type pertinent to your cafeteria)

* Carpet
* Ceiling Tile – Acoustical
* Commercial Food Service Equipment
* Containers, Cutlery, Dishware: In-Cafeteria Service
* Containers, Cutlery, Dishware: Take-Out Service
* Dishwasher Detergent
* Flooring
* Food
* Furniture
* Lighting
* Paint
* Other

**Conference Room/Auditorium (Major Space Used by Entire Facility) GreenSpace Award** (To achieve the GreenSpace Award, meet at least one of the goals for each product type pertinent to your conference room/auditorium)

* Carpet
* Ceiling Tile – Acoustical
* Electronic Equipment - Computers & Displays
* Electronic Equipment - Imaging Equipment (copiers, multifunction devices, printers)
* Electronic Equipment – Televisions
* Flooring
* Furniture
* Lighting
* Other

**Fleet GreenSpace Award** (To achieve the GreenSpace Award, meet at least one of the goals for each product type pertinent to your fleet)

* Auto Oil
* Coolant
* Concrete Flooring
* Fuel Conditioner
* Grease: Multipurpose, Straight Oil, Truck
* Lighting
* Paint
* Parts Wash
* Other

**Grounds/Landscaping GreenSpace Award** (To achieve the GreenSpace Award, meet at least one of the goals for each product type pertinent to your grounds/landscaping)

* De-Icer
* Dust Suppressant
* Fertilizer
* Herbicide/Weed Control
* Irrigation Systems
* Pest Management Services
* Vegetation
* Other

**Other Award**

DOE sites can nominate a space or function other than those listed above. To achieve the GreenSpace Award in the “Other” category, all products applicable to the space or function must meet at least one of the goals denoted in the Priority Products List for each product applicable to the space or function in question. One “other” product (not on the Priority Product List) may be claimed instead of or in addition to those pertinent to the space or function. Whether 60%, 80% or a 100% level is claimed, the nomination must show a list of all products applicable to the space or function being nominated. When planning to claim a GreenSpace Award, DOE sites are encouraged to work with the DOE Headquarters Sustainable Acquisition team to ensure no opportunities are overlooked.

**Attachment 3: Priority Products List**

The Priority Products List is a living document that is regularly updated based on feedback from DOE sites, expert reviewers, and considerations of the U.S. Environmental Protection Agency’s (EPA) *Recommendations of Specifications, Standards, and Ecolabels for Federal Purchasing.[[5]](#footnote-5)* The basis for which products are on the list and which goals are set is described in “History and Background on the Development of the U.S. Department of Energy’s GreenBuy Awards Program and Priority Products List Initiated Fiscal Year (FY) 2010.”[[6]](#footnote-6)

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

* Easing the process for identifying sustainable products and services
* Supporting local Site Sustainability Plans and Environmental Management Systems as well as DOE’s Strategic Sustainability Performance Plan, and participation in the Federal Green Challenge
* Offering specifications to include in contracts and purchase orders in the following product categories:
* Cafeteria
* Construction
* Custodial
* Electronics
* Grounds/Landscaping
* Office
* Operations/Fleet/Shipping/Shop

The following is a list of the Priority Products (organized by category) and purchasing goals to be met to qualify for GreenBuy and GreenSpace Awards. These goals are in support of, and sometimes in addition to, the designated product requirements (see the “Federal Sustainable Acquisition Requirements” section).

The Priority Products list does not reflect all products with Sustainable Acquisition requirements. It is instead a list of products and goals that further incentivize and/or exceed the requirements via the award program. It is expected all GreenBuy and GreenSpace Award nominees are in compliance with all Sustainable Acquisition requirements.

**Goals**

The GreenBuy program sets goals in three different ways:

1. Standards— product certification to multi-attribute standards when applicable standards are available (for example, Green Seal standards for cleaners);
2. Guidelines— products for which the site’s practices align with the specified guideline, where applicable (for example, the Responsible Purchasing Network (RPN) rechargeable batteries guide); and
3. Specifications— product specifications of single attribute standards (for example, percent of biobased or recycled content).

**Changes to the Priority Products for Fiscal Year (FY) 2022**

The general objective is to keep the Priority Products List goals stable for as long as possible, allowing nominees to plan ahead, but the list also needs to keep goals current with the marketplace, Federal requirements, and nominees’ needs. Following are changes for FY 2022:

Custodial

* Electric Hand Dryers as Towels/Hand Drying Goal: Removed

Electronics

* Photovoltaic modules - Added

Other

* LED Parking Lot Lights – Removed because now a mature industry
* Purchasing Reduction Goal – System: Added
* Carbon Reduction Goal: Added
* Green Lab Certification Goal: Added

Notes:

* The goals and their abbreviations are explained in Attachment 4.
* *Italicized* goals are ones for which few products have been certified or identified in the marketplace.

Symbols/terminology key:

|  |
| --- |
| % Percent of purchases required for each product category, not to be confused with the percent of a specific attribute (recycled content, for example). While Federal requirements are 100% of purchases, they allow for the exceptions of cost, availability, and performance. The GreenBuy Award Program allows for no exceptions, and therefore, may reflect percentages lower than 100%.  \* Televisions are defined as anything with an independent tuner/receiver that is capable of displaying audiovisual signals from various sources.  R Required – Those products Federal agencies are required to give preference to which have been designated by the U.S. Department of Agriculture for biobased products, DOE for FEMP products, EPA for ENERGY STAR certified, EPEAT, Safer Choice, SmartWay, SNAP, 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>).  R+ Required product but the requirement is more than designated because products are readily available in the marketplace 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 |

**Priority Products List**

| **Product Type** | **Priority Product Minimum Sustainable Goals** |
| --- | --- |
| **CAFETERIA** | |
| Commercial Food Service Equipment | **Goal: 95% of purchases meet one or more of the following**   * R ENERGY STAR certified * R FEMP qualified if water-cooled ice machines |
| Containers, Cutlery,  Dishware: In-Cafeteria Service: | **Goal: 100% of new purchases meet the following**   * Durable (Reusable) Containers, Cutlery, Dishware |
| Containers, Cutlery, Dishware: Take-Out Service: | **Goal: 75% of purchases meet one or more of the following**   * R Biobased certified (minimum 48% cutlery, 72% containers/dishware) and BPI certified compostable or on Cedar Grove approved list (provided composting available) * CEH list of products * SPLC Food Service Guide * 20% post-consumer recycled content paper * Contract ensures all materials are either recyclable or BPI certified/ Cedar Grove approved compostable |
| Dishwasher Detergent | **Goal: 100% of new purchases have no nonyphenol ethoxylate or antimicrobials and meet one or more of the following**   * R Biobased certified (minimum 58%) * Safer Choice certified * UL 2759 certified * *Cradle2Cradle certified (highest level available)* * *Green Seal 53 certified* |
| Food | **Goal: 50% of purchases meet one or more of the following**   * USDA Organic certified * CDC Food Service Guidelines for Federal Facilities – Standard Level * Fair Trade certified * RPN Food Purchasing guidelines * SPLC Food and Beverage guidelines * Produced locally (100-mile radius)   **Or be an EPA Food Recovery Challenge Participant** |
| **CONSTRUCTION** | |
| Adhesives | **Goal: 75% of purchases have no CA Prop 65 chemicals and meet one or more of the following**   * Cradle2Cradle certified (floor adhesives only) (highest level available) * CRI Green Label Plus certified * Green Seal GS-36 certified * SCS Indoor Advantage Gold certified * UL 2762 certified * UL 2818 certified * R Biobased certified (minimum 24%) * R SNAP certified |
| Boilers - Commercial | **Goal: 95% of purchases meet the following**   * R ENERGY STAR certified or FEMP qualified |
| Carpet - Commercial | **Goal: 95% of purchases have no antimicrobials, per- and polyfluoroalkyl substance (PFAS) stain resistant chemicals, or polyvinyl chloride (PVC) and meet one or more of the following**   * NSF-140 Platinum certified * Cradle2Cradle certified (highest level available) * GECA certified * 25% post-consumer recycled content and take back in contract for new carpet * R+ Biobased content certified (minimum 20%) and take back in contract for new carpet |
| Ceiling Tile - Acoustical | **Goal: 95% of purchases have no antimicrobials or flame retardants** **and meet one or more of the following**   * CA 01350 * Cradle2Cradle certified (highest level available) * UL 2818 certified * 20% recycled content and take back requirement in contract for new ceiling tile * R Biobased certified (minimum 37%) |
| Central Air Conditioners | **Goal: 95% of purchases meet the following**   * R ENERGY STAR certified |
| Chillers – Air Cooled or Water Cooled | **Goal: 95% of purchases meet the following**   * R FEMP qualified |
| Concrete | **Goal: 75% of purchases meet one or more of the following**   * Pervious * Carbon-dioxide sequestered aggregate * Environmental Product Declaration Type III * Recycled aggregate * R+ 25% Blast Furnace Slag recycled content * R+ 25% Fly Ash recycled content |
| Fiberboard,  Gypsum Panels, Wallboard | **Goal: 75% of purchases meet one or more of the following**   * No mercury * SCS Indoor Advantage Gold certified * UL 2818 certified * R Biobased certified (minimum 55%) * R Recycled content (minimum 80%) |
| Flooring | **Goal: 75% of purchases have no polyvinyl chloride (PVC) and meet one or more of the following**   * Cradle2Cradle certified (highest level available) * R Recycled content (floor tiles minimum 90% plastic/rubber) * R Biobased content certified (minimum 91%) * No wax flooring * *GECA certified* |
| Heat Pumps – Air or Ground Source | **Goal: 95% of purchases meet the following**   * R ENERGY STAR certified |
| Insulation | **Goal: 75% of purchases are ENERGY STAR certified and meet one or more of the following**  Batt (steel frame with metal stud wall)   * No VOCs or fiberglass (LEED recommends cotton) * R Recycled content (minimum 100%) * *SCS* *Indoor Advantage Gold certified* excluding fiberglass insulation * *UL 2818 certified* excluding fiberglass insulation     Foam (preinsulated metal siding)   * UL 2818 certified * R+ Biobased certified (minimum 23%)   Foam Board Rigid (roof & concrete buildings)   * No HBCDs or VOCs * R Recycled content (minimum 23%) * UL 2818 certified * *SCS* *Indoor Advantage Gold certified* |
| Lighting: LED Commercial | **Goal: 95% of purchases meet one or more of the following**   * R ENERGY STAR certified * R FEMP qualified (DesignLights Consortium Certified) and RoHS compliant |
| Paint – Interior Latex | **Goal: 75% of purchases meet one or more of the following**   * Cradle2Cradle certified (highest level available) * MPI Extreme Green certified * R+ 50% recovered material and maximum of 50 grams/liter VOCs * R Biobased content certified (minimum 20%) and maximum of 50 grams/liter   VOCs |
| Roof Coating | **Goal: 75% of purchases meet one or more of the following**   * SCAQMD Rule #1113 * R+ Biobased certified (minimum 50%) * R ENERGY STAR certified |
| Showerheads - Commercial | **Goal: 90% of purchases meet the following**   * WaterSense labeled |
| Toilets - Commercial | **Goal: 90% of purchases meet the following**   * WaterSense labeled |
| Urinals | **Goal: 90% of purchases meet one or more of the following**   * Waterless urinal * WaterSense labeled for flushing urinals |
| Water Heater | **Goal: 90% of purchases meet one or more of the following**  Heat pump   * R ENERGY STAR certified   Storage Tank- Gas Commercial   * R ENERGY STAR certified   Tankless   * R ENERGY STAR certified |
| **CUSTODIAL** | |
| Cleaners: Carpet, Glass,  Hand, Multipurpose | **Goal: 95% of purchases have biobased content, no antibacterial ingredients and meet one or more of the following**   * Cradle2Cradle certified (highest level available) * Green Seal GS-37, 41 certified * Safer Choice certified * UL 2759, 2784, 2795 certified * Foam (hand cleaners only) |
| Disinfectants | **Goal: 100% of practices and purchases meet all of the following**   * Only used where required as defined in site disinfection plan * RPN or DfE disinfectant specifications   (To avoid bacteria becoming antibiotic resistant, use disinfectants only if required) |
| Floor Care | **Goal: 95% of purchases have 75% biobased content and meet one or more of the following**   * Green Seal GS-40 certified * Safer Choice certified * UL 2777 certified |
| Tissue - Toilet | **Goal: 95% of purchases meet one or more of the following**   * Green Seal GS-01 certified * UL 175 certified and process chlorine-free * R+ 80% post-consumer recycled content and process chlorine-free |
| Towels | **Goal: 95% of purchases meet one or more of the following**   * Green Seal GS-01 certified for paper towels * R+ 100% recycled content with 50% post-consumer, process chlorine-free, and system to compost/recycle paper towels |
| Trash Bags – Plastic | **Goal: 75% of purchases meet one or more of the following**   * UL 126 certified * R+ 70% post-consumer recycled content * R Biobased certified (minimum 22%) and BPI Compostable certified   Or reduce the use of plastic bags by 50% |
| **ELECTRONICS** | |
| **Data Center Electronics** | |
| Data Storage Center | **Goal: 95% of purchases meet the following**   * R ENERGY STAR certified |
| Large Network Equipment | **Goal: 95% of purchases meet the following**   * R ENERGY STAR certified |
| Servers - Enterprise | **Goal: 95% of purchases meet the following**   * R EPEAT registered |
| Small Network Equipment | **Goal: 95% of purchases meet the following**   * R ENERGY STAR certified |
| Uninterruptible Power Supplies | **Goal: 95% of purchases meet the following**   * R ENERGY STAR certified |
| **Office Electronics** | |
| Computers & Displays (desktops, integrated, monitors, notebooks, tablets, thin clients, workstations) | **Goal: 95% of purchases meet the following**   * R EPEAT registered |
| Imaging Equipment (copiers, multifunction devices, printers) | **Goal: 95% of purchases meet the following**   * R+ EPEAT registered Gold and duplexing capable |
| Phones - Mobile | **Goal: 95% of purchases meet the following**   * R EPEAT registered (highest rating available) |
| Phones – Voice Over Internet Protocol (VoIP) | **Goal: 95% of purchases meet the following**   * R ENERGY STAR certified |
| Recycling Service | **Goal: 100% of electronic equipment sent for recycling was recycled by recyclers certified to one of the following:**   * E-stewards (http://e-stewards.org/) * R2 certified (https://sustainableelectronics.org/r2-standard) |
| Televisions\* | **Goal: 95% of purchases meet the following**   * R EPEAT registered (highest rating available) |
| **Other Electronics** |  |
| Photovoltaic Modules | **Goal: 95% of purchases meet the following**   * *R EPEAT registered (highest rating available)* |
| **GROUNDS/LANDSCAPING** | |
| De-Icer | **Goal: 75% of purchases meet one or more of the following**   * Sand * Clear Roads Qualified Products excluding those with sodium chloride * Safer Choice certified excluding those with sodium chloride * R Biobased certified (minimum 93%) |
| Dust Suppressant | **Goal: 75% of purchases meet one or more of the following**   * R Biobased certified (minimum 85%) * Safer Choice certified |
| Fertilizer | **Goal: 95% of purchases are not “weed and feed” and meet one or more of the following**   * 0% petroleum * OMRI certified * R Recovered organic * R Biobased certified (minimum 71%) |
| Herbicide/Weed Control | **Goal: 75% of purchases meet one or more of the following**   * Non-chemical (such as grazing goats) * No glyphosate (found in RoundUp and others) or 2,4-Dichlorophenoxyacetic acid * Biobased certified (minimum 100%) |
| Irrigation Systems | **Goal:  75% of purchases meet one or more of the following**   * WaterSense labeled controllers * WaterSense labeled spray sprinkler bodies |
| Pest Management Services | **Goal: 100% of services meet one or more of the following**   * Pest Management Program certified by Green Shield * Pest Management Service certified by Ecowise * Non-chemical (such as pest barriers) * RPN Buyer Bee-Ware guidelines * Microbial, insect growth regulator, or larvicide |
| Vegetation | **Goal: 95% of new landscape plantings meet one of the following**   * Pollinator friendly * WaterSense native plant guide * WBDG “Water Conservation” guidelines |
| **OFFICE** | |
| Binders | **Goal: 90% of purchases meet the following**   * R+ 30% post-consumer recycled content and no vinyl |
| Bristols (cardstock) | **Goal: 90% of purchases meet one or more of the following**   * R Post-consumer recycled content (minimum 30%) * R Biobased certified folders (minimum 56%) |
| Cartridges-Toner | **Goal: 75% of purchases meet one or more of the following**   * R Remanufactured * STMC registered manufacturer |
| Copy Paper | **Goal: 100% of purchases meet the following**   * R+ 100% post-consumer recycled content and processed chlorine free   (Consider specifying post-consumer content AND Green Seal GS-7 or UL 2771) |
| Furniture | **Goal: 75% of purchases meet one or more of the following**   * BIFMA Level 2 certified (49 points or higher) * Cradle2Cradle certified (highest level available) * Healthier Hospitals listed * Remanufactured * R Recycled content (minimum 1-100% depending on material) **and** low-emitting certified by either   + SCS Indoor Advantage Gold certified   + *UL 2818 certified* |
| **OPERATIONS/FLEET/SHIPPING/SHOP** | |
| Batteries (AA, AAA, and D cells) | **Goal: 75% of purchases meet the following**   * RPN Rechargeable Battery specifications |
| Boxes – Shipping | **Goal: 75% of purchases meet one or more of the following**   * Reusable containers * R+ 50% post-consumer recycled content fiber * R Biobased content certified (minimum 74%) |
| Coolants | **Goal: 75% of purchases meet one or more of the following**   * R Reclaimed * R Biobased content certified (minimum 89%) |
| Fuel Conditioners | **Goal: 75% of purchases meet the following**   * R Biobased content certified (minimum 64%) |
| Grease:  Multipurpose,  Straight Oil, Truck | **Goal: 75% of purchases meet the following**   * R Biobased content certified (minimum of 66-72% depending on type) |
| Hydraulic Fluids | **Goal: 75% of purchases meet the following**   * R Biobased content certified (minimum 44%) |
| Metalworking Fluids:  General Purpose,  High Performance | **Goal: 75% of purchases meet the following**   * R Biobased content certified (minimum of 40-57% depending on type) |
| Oil General: | **Goal: 75% of purchases meet one or more of the following**  Auto Oil   * R Re-refined   Chain and Cable Oil   * R Biobased content certified (minimum 77%)   Corrosion Preventative   * R Biobased content certified (minimum 53%)   Gear Oil   * R Biobased content certified (minimum 58%)   Multipurpose Oil   * R Biobased content certified (minimum 88%)   Penetrating Oil   * R Biobased content certified (minimum 68%) |
| Parts Wash Solution | **Goal: 75% of purchases meet one or more of the following**   * Safer Choice certified * R Biobased content certified (minimum 65%) * *Green Seal GS-34 certified* * *UL 2792 certified* |
| Refrigerators and Freezers – Lab Grade | **Goal: 95% of purchases meet the following**   * R ENERGY STAR certified |
| Sorbents | **Goal: 75% of purchases meet one or more of the following**   * R Recycled content (minimum 25-100% depending on material) * R Biobased content certified (minimum 89%) |
| Tires | **Goal: 75% of purchases meet one or more of the following**   * R Retreads for trucks and heavy equipment * SmartWay Low Rolling Resistant |
| Vending Machines | **Goal: 95% of purchases and leases meet the following**   * R ENERGY STAR certified * Power-saving features activated |
| Water Coolers | **Goal: 95% of purchases meet the following**   * R ENERGY STAR certified |
| **OTHER** | |
| Any | **Individual DOE Site Leadership Goal:**  ***Submit your site’s own Priority Product data if the product and/or attributes/standards 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 - Product:**  ***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 | **Purchasing Reduction Goal – System:**  ***Establish a used products online catalog or actual store of items still usable but no longer needed by the original user*** |
| Any | **Carbon Reduction Goal:**  ***Calculate the greenhouse gas reduced due to your site’s purchase of materials and products with recycled content*** *(see EPA’s ReCon calculator[[7]](#footnote-7) )* |
| Any | **Green Lab Certification**  ***Achieve Green Lab Certification[[8]](#footnote-8) at the bronze level for at least one lab*** *This goal can be claimed each time a higher level is achieved or when achieved for a different lab.* |
| 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), such as***   * EonCoat exterior coating (see <http://www.eoncoat.com/>) * Grease gator (see https://www.solvent-systems.com/greasegator.php) * Solar control retrofit film (see http://www.gsa.gov/portal/content/204663) |
| Any | **Training Goal:**  ***Certify 20% of staff involved in specifying and procuring materials, products, and services are trained on the following:***   * Sustainable Acquisition for Federal Agencies (<https://www.wbdg.org/education/femp44.php>) |
| Electronics | **IT Calculation Goal:**  ***Using the EPEAT Benefits Calculator***  (<https://greenelectronicscouncil.org/epeat-benefits-calculator/>)   * Calculate the benefits of your applicable EPEAT purchases in this fiscal year (download into an Excel file and attach to the nomination) |
| Electronics | **IT Policy/Contract Goal:**  ***Based on the Green Electronics Council “Purchasers Guide for Addressing Labor and Human Rights Impacts in IT Procurements”*** (https://globalelectronicscouncil.org/new-purchasers-guide-for-addressing-labor-human-rights-impacts-in-technology-procurements/)   * Establish a policy to address labor and human rights impacts in IT procurements or * Incorporate one or more procurement process questions into an applicable IT contracting activity |

**Attachment 4: GSA-DOE Verification Guide for Federal Purchasers of Sustainable Products**

(Also available at https://sftool.gov/plan/541/verifying-delivery-sustainable-products-services)

1. **Overview**

This guide is intended for the acquisition workforce (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 for incorporating sustainability best practices into the contract and post-award procurement actions for verifying compliance with contract requirements are covered. For 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:** Ensure contractor is required to submit product documentation verifying compliance with sustainable requirements. Some sustainability standards (see Resources for Verifying Sustainable Products 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 should only be required once from the contractor for new products submitted on the contract, but timely updates may be helpful and welcome.

**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 must verify compliance with sustainable product requirements during the construction phase of the project. Including such language will reduce the verification burden on the government project team members during post-award phase of construction projects.

**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.

**Contractor Source Selection:** When doing a best value source selection, consider incorporating criteria within a past performance or management plan evaluation factor that evaluates the contractor’s previous performance in complying with sustainable requirements or the contractor’s plan for providing sustainable products and services on the current procurement. Selecting a contractor that has implemented sustainability requirements well in the past or provides a good plan for providing sustainable products and services on the current procurement helps ensure sustainability requirements will be successfully implemented. For examples of sustainable product and other sustainability source selection criteria, visit the [Green Procurement Compilation](https://sftool.gov/greenprocurement) (https://sftool.gov/greenprocurement).

**III. Post-Award Procurement Actions**

**Final Deliverables:** Verify that final deliverables (such as, design, study) 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.

**Contractor Reporting:** Take reasonable steps to validate the completeness and accuracy of any contractor submitted sustainability reports (for example, biobased report required by Federal Acquisition Regulation Clause 52.223-2, Affirmative Procurement of Biobased Products Under Service and Construction Contracts). Reasonable steps can include comparing the data submitted in the sustainability report with the sustainability products that would be expected as part of contract’s performance requirements.

**Social Sustainability Requirements:** See [Social Sustainability (https://sftool.gov/plan/545/social-sustainability#PostAward)](https://cts1.hq.doe.gov/tracking/AUHSCT.nsf/UNID/AppData/Local/Microsoft/Windows/AppData/Local/Microsoft/Shabnam.Fardanesh/AppData/Local/Microsoft/Windows/Temporary%20Internet%20Files/AppData/Local/Microsoft/Windows/AppData/Local/Microsoft/Shabnam.Fardanesh/AppData/Local/Microsoft/Windows/Temporary%20Internet%20Files/Content.Outlook/4ERFIF6R/Social%20Sustainability%20(https:/sftool.gov/plan/545/social-sustainability) for Post-Award Procurement Actions.

**Performance Evaluation:** When the contractor has not complied with one or more of the sustainability requirements in the contract (for example, environmental requirements, social sustainability requirements), document this non-compliance as part of the performance evaluation. See the [Resources for Verifying Sustainable Products](https://sftool.gov/plan/542/resources-verifying-sustainable-products) section below for guidance on determining whether documentation provided by the contractor confirms the product or service meets the sustainable requirements included in the contract.

**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 recommended by the U.S. Environmental Protection Agency or used in various DOE and GSA programs. It is not a finite list because this is a living document, continually updated as new specifications, standards, and ecolabels are evaluated 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 2, Standard e3-2019 (<http://www.bifma.org/standards/index.html>). For a list of registered products, see <http://levelcertified.org>.

**CA Prop 65** **–** California Proposition 65 List of Chemicals

* **Covered Product Types**: All
* **Compliance Determination:** Determine if documentation provided by contractor confirms the product contains no chemicals on the CA Prop 65 list (https://oehha.ca.gov/proposition-65/proposition-65-list/)

**CA Section 01350** – California Special Environmental Requirements

* + **Covered Product Types** 
    - Carpet
    - Ceiling Tiles – Acoustical
    - Fiberboard
    - Flooring
    - Gypsum Board
    - Joint Sealers
    - Paint and Wall Coverings
* **Compliance Determination:** Determine if documentation provided by contractor confirms the product meets CA Section 01350 (<http://www.calrecycle.ca.gov/GreenBuilding/Specs/Section01350/Block225Spec.pdf>)

**CDC** – Food Service Guidelines for Federal Facilities

* + **Covered Product Type –** Food, Products, Practices
* **Compliance Determination:** Determine if documentation provided by contractor confirms the food service aligns with the CDC Food Service Guidelines for Federal Facilities at least at the standard level (https://www.cdc.gov/obesity/downloads/guidelines\_for\_federal\_concessions\_and\_vending\_operations.pdf)

**CEH** – Center for Environmental Health

* + **Applicable Covered Product Types**
* Foodware

Guide: <https://www.ceh.org/wp-content/uploads/2019/05/CEH-Disposable-Foodware-Report-final-1.31.pdf>

Products: <https://docs.google.com/spreadsheets/d/1sNwuTxMwNMKfLo0B033OblXQzkja5nJwv_MNSEcr6HM/edit#gid=635578363>

* Furniture

Guide: https://www.ceh.org/safer\_office/

* **Compliance Determination:** Determine if documentation provided by contractor confirms the product meets the Center for Environmental Health specifications in their guidelines. )

**Clear Roads** – Clear Roads Snow and Ice Control Chemicals Products Specifications and Test Protocols

* **Covered Product Type –** De-icer
* **Compliance Determination:** Determine if documentation provided by contractor confirms the product meets the Clear Roads specifications (https://clearroads.org/wp-content/uploads/12-10-Final-CR-SPECS-wCategory4.pdf) and is on the Qualified Products List (https://clearroads.org/wp-content/uploads/QPL\_Updated-July-10-2019.pdf).

**Cradle2Cradle** – Cradle to Cradle Certified Product Standard

* **Applicable Covered Product Types** 
  + Adhesives (floor only)
  + Carpet
  + Ceiling Tiles – Acoustical
  + Cleaners
  + Construction Materials
  + Custodial Supplies
  + Flooring
  + Furniture
  + Operations/Fleet/Shipping/Shop Materials
  + Paint
* **Compliance Determination:** Determine if documentation provided by contractor confirms the product meets the Cradle2Cradle standard (http://s3.amazonaws.com/c2c-website/resources/certification/standard/C2CCertified\_ProductStandard\_V3.1\_160107\_final.pdf) For a list of registered products, see http://www.c2ccertified.org/products/registry.

**CRI –** CRI Green Label Plus

* **Covered Service Types**:
  + Adhesives
  + Carpet
  + Carpet Cushions
* **Compliance Determination**: Determine if documentation provided by contractor confirms the product is labeled CRI Green Label Plus

Test Protocol (https://carpet-rug.org/testing/green-label-plus/testing-protocol-and-requirements/)

Labeled Adhesives (https://carpet-rug.org/testing/green-label-plus/adhesive-products/)

**DfE** – Design for the Environment

* + **Covered Service Types**: Disinfectants
  + **Compliance Determination:** Determine if documentation provided by contractor confirms the disinfectant is certified ([www.epa.gov/pesticide-labels/dfe-certified-disinfectants](http://www.epa.gov/pesticide-labels/dfe-certified-disinfectants))

**Ecowise** - EcoWise Certified Standards for IPM Certification in Structural Pest Management

* + **Covered Service Types**: Integrated Pest Management (Branch 2 General Pests only)
  + **Compliance Determination:** Determine if documentation provided by contractor confirms the service is certified by Ecowise

Standard (http://www.ecowisecertified.org/pdf/ecowise\_standards.pdf)

Certified Services (http://www.ecowisecertified.org/ecowise\_find.html).

**EPD** – Environmental Product Declaration Type III

* **Covered Product Types –** Numerous
* **Compliance Determination:** Determine if documentation provided by contractor confirms the material has a third-party certified environmental product declaration, which is based on ISO 14025 (https://www.iso.org/standard/38131.html).

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

* **Covered Product Type –** Food
* **Compliance Determination:** Determine if documentation provided by contractor confirms 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 and Displays (includes desktops, integrated, monitors, notebooks, tablets, small-scale servers, thin clients, workstations)
  + Imaging Equipment (copiers, fax machines, printers, scanners, etc.)
  + Mobile Phones
  + Photovoltaic Modules
  + Servers - Enterprise (includes blades, multi-node, pedestal, and rack-mounted)
  + Televisions
* **Compliance Determination:** Determine if documentation provided by contractor confirms the product is an active EPEAT registered product on the EPEAT Registry. The EPEAT website contains a list of active registered products (https://epeat.net/).

**Fair Trade** – Agricultural Production Standard

* **Applicable Covered Product Types**
  + Beans and grains
  + Clothing
  + Cocoa
  + Coffee
  + Flowers and Plants
  + Fruits and Vegetables
  + Herbs and Spices
  + Honey
  + Multi-Ingredient Foods
  + Nuts and Oilseeds
  + Seafood
  + Sugar
  + Tea
* **Compliance Determination:** Determine if documentation provided by contractor confirms via

product label or other language that product is Fair Trade certified. The Fair Trade website

contains a list of certified products (http://fairtradeusa.org/products-partners).

**GECA** – Good Environmental Choice Australia standards

* **Covered Product Types**
  + Adhesives, Fillers, Sealants
  + Bags
  + Carpet
  + Cleaning Products and Services
  + Concrete
  + Detergents - Dishwasher
  + Flooring
  + Furniture
  + Insulation
  + Paint
  + Panel Boards
  + Paper – Office
  + Paper – Sanitary
  + Steel
* **Compliance Determination:** Determine if documentation provided by contractor confirms via

product label or other language that product is GECA certified.

* Standard: http://www.geca.eco/wp-content/uploads/2017/08/Floor-Coverings-GECA-25-2017-v2.0i.pdf
* Certified Products: http://geca.eco/product-finder/

**Green Lab** – Green Lab certification

* + **Covered Service Types**: Research lab certification
  + **Compliance Determination:** Have at least one research labs at your facility certified (https://www.mygreenlab.org/green-lab-certification.html)

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

* **Covered Product Types**
  + Adhesives
  + Cleaning Products and Services
  + Construction Materials and Equipment
  + Dishwasher Detergent
  + Hand Soaps
  + Hotels and Lodging
  + Napkins, Paper Towels, Tissues
  + Paints and Coatings
  + Parts Washer Solution
  + Printing and Writing Paper
  + Restaurants and 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)).

**Green Shield** – Green Shield Integrated Pest Management Certification of Facilities

* + **Covered Service Types**: Integrated Pest Management
  + **Compliance Determination:** Have your facility certified or determine if documentation provided by contractor confirms the service is on the Green Shield list

Standard (http://www.greenshieldcertified.org/wp-content/uploads/2018/06/Green-Shield-Certified-for-Facilities-Standards-Form-V1.2-Current.pdf)

Certified Services (http://www.greenshieldcertified.org/find-a-provider/).

**Healthier Hospitals** – Furniture and Materials that Meet the Healthier Hospitals Healthy Interiors Goal

* + **Covered Product Types**
  + Furniture
  + Textiles
* **Compliance Determination:** Determine if documentation provided by contractor confirms the product is on the Healthier Hospitals list (http://www.healthierhospitals.org/hhi-challenges/safer-chemicals/list-furniture-and-materials-meet-hh-healthy-interiors-goal).

**LEED** - U.S. Green Building Council’s 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 (https://www.usgbc.org/resources/leed-v4-building-operations-and-maintenance-current-version) or New Construction (https://www.usgbc.org/resources/leed-v4-building-design-and-construction-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

**NSF** - NSF International

* **Covered Product Type –** Numerous including
  + Carpet
* Flooring
* Photovoltaic Modules
* Servers
* **Compliance Determination:** Determine if documentation provided by contractor confirms the product meets the minimum NSF International standards requirements (http://info.nsf.org/Certified/Sustain/listings.asp)

**Pollinator Friendly** – Pollinator-Friendly Best Management Practices for Federal Lands

* **Covered Product Type –** Pollinators
* **Compliance Determination:** Determine if practices align with the Pollinator-Friendly Best Management Practices for Federal Lands (https://www.fs.fed.us/wildflowers/pollinators/BMPs/documents/PollinatorFriendlyBMPsFederalLandsDRAFT05152015.pdf).

**RoHS** – Restriction of Hazardous Substances

* **Covered Product Type:** Electronic and Electrical Equipment
* **Compliance Determination:** Determine if documentation provided by contractor confirms the product meets the Restriction of Hazardous Substances (https://www.rohsguide.com/).

**RPN** – Responsible Purchasing Network Specifications

* **Covered Product Type:** 
  + Buyer Bee-Ware guidelines

http://www.responsiblepurchasing.org/purchasing\_guides/bee\_friendly\_purchasing/foe\_rpn\_bee\_friendly\_purchasing\_guide.pdf

* + De-Icer guidelines

<http://www.responsiblepurchasing.org/purchasing_guides/deicers/naspo_rpn_deicers_purchasing_guide.pdf>)

* + Disinfectant guidelines

<http://www.sfenvironment.org/sites/default/files/fliers/files/sfe_th_safer_products_and_practices_for_disinfecting.pdf>

* + Food Purchasing guidelines

http://www.responsiblepurchasing.org/purchasing\_guides/food/climate\_friendly\_food\_purchasing.pdf?utm\_source=Spring+2018+Newsletter&utm\_campaign=Spring+2018+Newsletter&utm\_medium=email

* + Foodware guidelines

http://responsiblepurchasing.org/purchasing\_guides/food\_service\_ware/index.php

* + Rechargeable batteries and battery chargers

Guidelines: <http://www.sfapproved.org/sites/default/files/files/general-files/sfa_report_RPN_CHARGING%20AHEAD%20Report.pdf>

* **Compliance Determination:** Determine if documentation provided by contractor confirms the product meets the Responsible Purchasing Network specifications.

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

* **Covered Product Types**
  + Car Care
  + Cleaners
  + Degreasers
  + De-icers
  + Dishwasher Detergent
  + Dust Control
  + Fire Fighting Foams
  + Floor Care
  + Heating & Cooling Maintenance
  + Laundry and Dish Detergents
  + Odor removers
  + Other
* **Compliance Determination:**  Determine if documentation provided by contractor confirms via

product label or other language indicating the product has the Safer Choice label

(https://www.epa.gov/saferchoice).

**SPLC** – Sustainable Purchasing Leadership Council

* **Covered Product Types**
  + Food and Beverage (https://www.sustainablepurchasing.org/doepromo2019/ - Password: DOEPROMO2019)
  + Food Service Ware (https://www.sustainablepurchasing.org/wp-content/uploads/2020/02/2020\_Purchasing\_Recommendations\_Sustainable\_FSW.pdf)
* **Compliance Determination:** Determine if documentation provided by contractor confirms the product aligns with the SPLC Food and Beverage Guidance.

**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>).

**UL** – Underwriters Laboratories Environmental Standards

* **Covered Product Types –** Numerous
* UL 126 Plastic Trash Bags (formerly EcoLogo 126)

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

Products: <https://spot.ul.com/main-app/products/catalog/?keywords=&filter=Standard%2520Number:UL%2520126%2520-%25202012%2520Standard%2520for%2520Sustainability%2520for%2520Plastic%2520Film%2520Products>

* UL 175 Toilet Tissue (formerly EcoLogo 82)

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

Products: <https://spot.ul.com/main-app/products/catalog/?keywords=&filter=Standard%2520Number:UL%2520175%2520Standard%2520for%2520Sustainability%2520for%2520Sanitary%2520Paper%2520Products>

* UL 2759 General Cleaner (formerly EcoLogo 146)

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

Products: <https://spot.ul.com/main-app/products/catalog/?keywords=&filter=Standard%2520Number:UL%25202759%2520-%25202011%2520Standard%2520for%2520the%2520Sustainability%2520for%2520Hard%2520Surface%2520Cleaners>

* UL 2762 Adhesives (formerly EcoLogo 46)

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

Products: <https://spot.ul.com/main-app/products/catalog/?keywords=&filter=Standard%2520Number:UL%25202762%2520-%25202011%2520Standard%2520for%2520the%2520Sustainability%2520for%2520Adhesives>

* UL 2771 Copy Paper (formerly EcoLogo 077)

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

Products: <https://spot.ul.com/main-app/products/catalog/?keywords=&filter=Standard%2520Number:UL%25202771%2520-%25202011%2520Standard%2520for%2520the%2520Sustainability%2520for%2520Paper%2520Products>

* UL 2777 Floor Cleaner (formerly EcoLogo 147)

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

Products: <https://spot.ul.com/main-app/products/catalog/?keywords=&filter=Standard%2520Number:UL%25202777%2520-%25202011%2520Standard%2520for%2520the%2520Sustainability%2520for%2520Hard%2520Floor%2520Care%2520Products>

* UL 2784 Hand Cleaner (formerly EcoLogo 104)

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

Products: <https://spot.ul.com/main-app/products/catalog/?keywords=&filter=Standard%2520Number:UL%25202784%2520-%25202011%2520Standard%2520for%2520Sustainability%2520for%2520Hand%2520Cleaners>

* UL 2792 Parts Wash Solution (formerly EcoLogo 110)

Standard: <http://www.comm-2000.com/PurchaseProduct.aspx?UniqueKey=31077>

Products: <https://spot.ul.com/main-app/products/catalog/?filter=Standard%2520Number:UL%25202792%2520-%25202012%2520Standard%2520for%2520Sustainability%2520for%2520Cleaning%2520and%2520Degreasing%2520Compounds%253A%2520Biologically-based>

* UL 2795 Carpet Cleaner (formerly EcoLogo 148)

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

Products: <https://spot.ul.com/main-app/products/catalog/?filter=Standard%2520Number:UL%25202795%2520-%25202012%2520Standard%2520for%2520Sustainability%2520for%2520Carpet%2520and%2520Upholstery%2520Care%2520Products>

* + UL 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: <https://spot.ul.com/main-app/products/catalog/?filter=Standard%2520Number:UL%25202818%2520-%25202013%2520Gold%2520Standard%2520for%2520Chemical%2520Emissions%2520for%2520Building%2520Materials%252C%2520Finishes%2520and%2520Furnishings>

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

* **Compliance Determination:** Determine if documentation provided by contractor confirms via

product label or other language that product is UL certified (formerly “EcoLogo” label by Terra

Choice and prior to that “Environmental Choice” label).

**WBDG** – Whole Building Design Guide

* **Covered Product Type –** Numerous including
  + Building
* Materials/Furnishings
* Photovoltaics
* Water Conservation
  + **Compliance Determination:** Determine if documentation provided by contractor confirms the minimum requirements for water conservation (<http://www.wbdg.org/design-objectives/sustainable/protect-conserve-water>) and for other items (<http://www.wbdg.org/resources?page=1>) are met.

**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.

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

* **Covered Product Types:** 
  + Cafeteria
  + Construction
  + Custodial
  + Films and Packaging
  + Fleet
  + Grounds Maintenance
  + Lubricants
  + Miscellaneous
  + Operations and Maintenance
  + Shipping
  + Solvents
* **Compliance Determination:** Visit the BioPreferred website (<http://www.biopreferred.gov/BioPreferred/faces/catalog/Catalog.xhtml>) to identify 1) the Federally required percent of biobased content for the product in question and 2) whether that percent has been third-party certified (BioPreferred label).

**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/).

**CA ATCM 93120** - Airborne Toxic Control Measure to Reduce Formaldehyde Emissions from Composite Wood Products

* **Covered Product Types**
  + Fiberboard – medium density
  + Hardwood Plywood
  + Particleboard
* **Compliance Determination:** Determine if documentation provided by contractor confirms the

product complies with CA ATCM 93120 (http://www.arb.ca.gov/regact/2007/compwood07/fro-final.pdf)

**Cedar Grove** – Compostability Testing

* **Applicable Covered Product Types**
  + Bags
  + Bowls
  + Clamshells
  + Coffee Pods
  + Coffee Sleeves
  + Containers – take out
  + Cups
  + Drink Carriers
  + Food Trays
  + Napkins
  + Plates
  + Utensils
* **Compliance Determination:** Determine if documentation provided by contractor confirms the

product is on the Cedar Grove certified products list (http://cedar-grove.com/compostable/accepted-items)

**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 (<https://www.energystar.gov/productfinder/>).

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

* **Covered Product Type**
  + Boilers – Commercial

https://www.energy.gov/eere/femp/purchasing-energy-efficient-commercial-boilers

* + Chillers

https://energy.gov/eere/femp/purchasing-energy-efficient-water-cooled-electric-chillers

* + Ice Machines – Water-Cooled

https://www.energy.gov/eere/femp/purchasing-energy-efficient-water-cooled-ice-machines

* + LED Commercial Lighting

https://www.designlights.org/solid-state-lighting/

* **Compliance Determination:** Determine if documentation provided by contractor confirms that product meets the minimum energy efficiency requirement stated on the FEMP website. For boilers, chillers, and water-cooled ice machines the websites list the minimum energy efficiency required. After determining the minimum efficiency, compare this efficiency to the energy efficiency stated in the documentation provided by the contractor. For commercial LED lights, the website shows the qualified lights.

**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>).

**Mercury**

* **Applicable Covered Product Types**
  + Fiberboard
  + Gypsum Panels
  + Wallboard
* **Compliance Determination:** Specify “no mercury” in construction contracts for compressed board type products (<https://www.buildinggreen.com/blog/gypsum-board-are-our-walls-leaching-toxins>)

**Non-Therapeutic Antibiotics**

* **Applicable Covered Product Type –** Meat
* **Compliance Determination:** Specify “no non-therapeutic antibiotics” in cafeteria contracts pertaining to meat (<http://www.humanesociety.org/assets/pdfs/farm/HSUS-Human-Health-Report-on-Antibiotics-in-Animal-Agriculture.pdf?credit=blog_post12115>)

**OMRI** – Organic Materials Review Institute

* **Applicable Covered Product Type –** Fertilizer
* **Compliance Determination:** OMRI reviews input products to determine compliance with the USDA National Organic standards and/or Canada Organic Regime (COR) standards. Determine if documentation provided by contractor confirms the product is OMRI certified (https://www.omri.org/ubersearch/results/fertilizers?type[]=frequent\_questions&type[]=page&type[]=materials\_article&type[]=opd\_listed\_product&type[]=opd\_prohibited\_product&type[]=opd\_removed\_product).

**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.Determine if documentation provided by contractor confirms via product label or other language that product is USDA certified organic (https://www.ams.usda.gov/grades-standards/organic-standards).

**Perfluorinated Chemicals**

* **Applicable Covered Product Types**
  + Carpet
  + Cookware
  + Food containers
  + Furniture
* **Compliance Determination:** Specify “no perfluorinated chemicals” in pertinent contracts (http://greensciencepolicy.org/highly-fluorinated-chemicals/)

**Recycled/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 (https://www.epa.gov/smm/comprehensive-procurement-guideline-cpg-program#products) 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.

**Remanufactured Furniture**

* **Applicable Covered Product Type:** Furniture
* **Compliance Determination:** Specify “remanufactured furniture” in contracts. An example source would be found at www.daviesoffice.com

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

* **Covered Product Type:** Architectural Coatings (Rule #1113)
* **Compliance Determination:** Determine if documentation provided by the contractor confirms the product meets the minimum volatile organic compounds specified in SCAQMD (Rule #1113 - https://ww3.arb.ca.gov/drdb/sc/curhtml/r1113.pdf).

**SCS Indoor Advantage Gold** **–** Scientific Certification SystemIndoor Air Quality Product Performance Standard for Building Interiors

* **Covered Product Type**
  + Architectural coatings/paints
  + Adhesives
  + Ceiling tiles
  + Floor coverings
  + Furniture
  + Sealants
  + Wall coverings
  + Wall paneling
* **Compliance Determination:** Determine if documentation provided by contractor confirms via product label or other language that product is certified (<https://www.scsglobalservices.com/certified-green-products-guide>).

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

* **Covered Product Types**
  + Fuel
  + Tires
* **Compliance Determination:** For fuel, determine if documentation provided by contractor confirms the freight transportation contractor is on the EPA SmartWay Partner list (http://www.epa.gov/smartway/about/partnerlists.htm) and for tires, determine if documentation provided by contractor confirms the product is on the SmartWay verified list for low rolling resistance (https://www.epa.gov/verified-diesel-tech/learn-about-low-rolling-resistance-lrr-new-and-retread-tire-technologies).

**SNAP** – U.S. Environmental Protection Agency’s Significant New Alternatives Policy 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 (https://www.epa.gov/snap/substitutes-sector). 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 Sprinkler Bodies
  + Toilets – Flushometer Valve
  + Urinals – Flushing
* **Other Products**
  + Native Plants Guide (<https://www.epa.gov/watersense/what-plant>)
* **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**

* **General Services Administration** – *Green Procurement Compilation* (<https://sftool.gov/greenprocurement>)
* **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

* **U.S. Environmental Protection Agency** - *Recommendations of Specifications, Standards, and Ecolabels for Federal Purchasing* (https://www.epa.gov/greenerproducts/recommendations-specifications-standards-and-ecolabels-federal-purchasing)

1. https://sftool.gov/plan/541/verifying-delivery-sustainable-products-services [↑](#footnote-ref-1)
2. See Federal Acquisition Regulations (FAR) Part 23 for the requirements (<http://www.acquisition.gov/far/current/html/FARTOCP23.html#wp227606>).

   See FAR 52.223 for associated contract clauses ([http://www.acquisition.gov/far/current/html/52\_223\_226.html](https://www.acquisition.gov/far/current/html/52_223_226.html)). [↑](#footnote-ref-2)
3. https://sftool.gov/greenprocurement [↑](#footnote-ref-3)
4. <https://www.fedcenter.gov/assistance/fedrpts/greenbuy/index.cfm>? [↑](#footnote-ref-4)
5. <https://www.epa.gov/greenerproducts/epas-recommendations-specifications-standards-and-ecolabels> [↑](#footnote-ref-5)
6. <https://www.fedcenter.gov/_kd/Items/actions.cfm?action=Show&item_id=28345&destination=ShowItem> [↑](#footnote-ref-6)
7. <https://www.epa.gov/warm/recycled-content-recon-tool#online> [↑](#footnote-ref-7)
8. https://www.mygreenlab.org/green-lab-certification.html [↑](#footnote-ref-8)