U.S. Department of Energy
GreenBuy Award Program – Fiscal Year 2024

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 and/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/garage, grounds/landscaping, or research laboratory. 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 Products List.

This document describes the DOE GreenBuy Award Program for Fiscal Year (FY) 2024.
- 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. 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 abbreviations for standards and specifications 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 requirement

Criteria for selecting goals is available on the EHSS-21 SharePoint Website

U.S. Environmental Protection Agency Recommendations of Specifications, Standards, and Ecolabels for Federal Purchasing are followed when available and applicable to the DOE GreenBuy Award Program.

To achieve these benefits, the Federal government has established requirements[1] 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 – Mandatory Federal Purchasing 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 [2] 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 products 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.

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[1] See Federal Acquisition Regulations (FAR) Part 23 for the requirements (https://www.acquisition.gov/far/part-23). See FAR 52.223 for associated contract clauses (https://www.acquisition.gov/far/part-52#FAR_52_223).
[2] https://sftool.gov/greenprocurement

Criteria for selecting goals is available on the EHSS-21 SharePoint Website

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Annual Nomination Timeline for Each FY (If deadlines fall on a non-working day, the next working day is the deadline.)

Oct 1–Dec 31:	DOE site inputs data to the GreenBuy/Space Award nomination on the DOE Sustainability Dashboard3
Jan 7:	DOE-HQ completes quality analysis of the data
Jan 8-14:	DOE approving authority reviews and approves the nomination
Jan 15:	GreenBuy/Space Award nominations close
4th week in Jan:	DOE announces the GreenBuy and GreenSpace Award winners

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3 https://sustainabilitydashboard.doe.gov

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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 to 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.
- Confirm Adoption of Minimum Procurement Requirements – Confirm that minimum procurement requirements address the goals by denoting the source of those minimum requirements.
- Use Other Standards – Nominate the use of other certifications or standards that are equivalent to the ones specified in the Priority Products List, in the field marked "other."
- Verify Products – Throughout the FY, nominees will verify that products received/accepted comply with the sustainability goals specified in their procurements. Attachment 4 is a guide to assist with the verification process.
- Submit Nomination – Nominees will submit GreenBuy/Space Award nominations on the DOE Sustainability Dashboard[4].

Nominees can tailor their use of the Priority Products List to meet their specific circumstances, selecting categories and products of most value, such as those that align with their sustainability plan goals. Nominees may also nominate additional green products and are encouraged to nominate new candidates for the Priority Products 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 can 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:

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[4] https://sustainabilitydashboard.doe.gov

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- Gold level: Only 3 product types or 30% of products claimed (whichever is higher) may be repeated from previous years
- Silver level: Only 1 product type may be repeated from previous years
- Bronze level: No 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 previous year's goal.

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

Criteria for selecting goals is available on the EHSS-21 SharePoint Website

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Attachment 2: GreenSpace Award Process

The GreenSpace Award focuses on greening an entire space by addressing all relevant Priority Products categories for that function. The GreenSpace Award can be achieved at multiple levels over multiple years.

DOE sites choosing to participate 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 Products List of goals.

The levels of the GreenSpace Award are:
- Gold – 100% of products
- Silver – 80% of products
- Bronze – 60% of products

GreenSpace Award nominations require the same purchasing processes and documentation as outlined in Attachment 1.

Award 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.

Whether 60%, 80% or 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.

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 used 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, the rules will always apply for the year the award was initially received. So, for example, if you received a bronze last year and were receiving a silver this year, the initial year and rules apply for the products in question. 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.

Criteria for selecting goals is available on the EHSS-21 SharePoint Website

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For all of the products listed under their functions, each must meet at least 1 goal from the Priority Products List (Attachment 3).

Nomination Submission

Nominees will submit GreenSpace Award nominations on the DOE Sustainability Dashboard. [5]

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
- Paint
- Other

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

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

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[5] https://sustainabilitydashboard.doe.gov

Criteria for selecting goals is available on the EHSS-21 SharePoint Website

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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

Research Laboratory (To achieve the GreenSpace Award, meet at least one of the goals for each product type pertinent to your research laboratory and be Green Lab certified[6])

- Ceiling Tile – Acoustical
- Flooring
- Freezers – Laboratory Grade
- Fume Hoods
- Furniture
- Lighting
- Paint
- Refrigerators – Laboratory Grade
- Research Laboratory Chemicals
- Research Laboratory Consumables
- Research Laboratory Equipment

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 Products List) may be claimed in addition to those pertinent to the space or function. For example, if you claim to have greened your offices and have white boards in them made from recovered materials, you could claim those white boards as an additional product to those listed on the Priority Products List in the "Office" category.

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[6] https://www.mygreenlab.org/green-lab-certification.html

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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 is aligned, where applicable, with the U.S. Environmental Protection Agency's (EPA) *Recommendations of Specifications, Standards, and Ecolabels for Federal Purchasing*[7]. The basis for the products chosen and the goals set are 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." [8]

Some of the benefits of using the Priority Products List include:
- Eases the process for identifying sustainable products and services
- Supports Site Sustainability Plans and Environmental Management Systems as well as DOE's Sustainability Plan and Climate Adaptation and Resilience Plan
- Offers specifications to incorporate into contracts and purchase orders in the following product categories:
  - o Cafeteria
  - o Construction
  - o Custodial
  - o Electronics
  - o Grounds/Landscaping
  - o Office
  - o Operations/Fleet/Shipping/Shop
  - o Other (site's sustainable products and processes)

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 that 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).

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[7] https://www.epa.gov/greenerproducts/epas-recommendations-specifications-standards-and-ecolabels
[8] https://projectenhancementcorp.sharepoint.com/:w:/r/sites/projects/AU21/The_Office_of_Sustainable_Environment al_Stewardship/_layouts/15/doc2.aspx?sourcedoc=%7B216BCD0D-5DE3-4A81-80CA-2169D424E2FA%7D&file=SA-DOE-GreenBuyAwdGuide-FY2020-Background-Final.docx&action=default&mobileredirect=true

Criteria for selecting goals is available on the EHSS-21 SharePoint Website

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Changes to the Priority Products for FY 2024

The general objective is to keep the Priority Products List goals stable for as long as possible, allowing nominees to plan ahead. However, to keep goals current with the marketplace, Federal requirements, and nominees' needs, see the following changes for FY 2024:

Cafeteria

- **Commercial Food Service Equipment:**
  - Percent of purchases increased to 100%
  - "No PFAS in refrigerant" added
- **Containers, Cutlery, Dishware - Take-Out**: Goal added
- **Dishwasher Detergent:** "No PFAS" added
- **Food:** "100% no PFAS in food packaging" added

Construction

- **Adhesives:**
  - Percent of purchases increased to 100%
  - SNAP goal removed (no products identifiable)
- **Carpet – Commercial:**
  - "No VOCs" added
  - Goal added
- **Chillers – Air/Water Cooled:** "With climate friendly refrigerant" added
- **Fiberboard, Gypsum Panels, Wallboard:** Goal added
- **Flooring - Resilient:**
  - Percent of purchases increased to 100%
  - "No PFAS" added
  - Two goals added
- **Water Heaters:** Commercial gas storage tank removed (not climate friendly)

Custodial

- **Cleaners – Carpet, Glass, Hand, Multipurpose:**
  - Percent of purchases increased to 100%
  - "No PFAS" added
- **Floor Care:**
  - Percent of purchases increased to 100%
  - "No PFAS" added
- **Trash Bags:** "No antimicrobials, fragrances, or PTFE" added

Grounds/Landscaping

- **Pest Management Services:** "No PFAS" added

Office

- **Furniture:** Goal added, goal removed

Operations/Fleet/Shipping/Shop

- **Refrigerators and Freezers – Lab Grade:**
  - Percent of purchases increased to 100%

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o "No PFAS in refrigerant" added

- **Vending Machines:**
    - o Percent of purchases increased to 100%
    - o "No PFAS in refrigerant" 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.
- Highlighted products are linked to brands that meet the stipulations and at least one goal.
- Many products meeting the Priority Products goals can be found at SFTool Product Search.
- Disclaimer concerning PFAS: The GreenBuy Award Program with its Priority Products List recognizes the difficulty in identifying all PFAS chemicals in products. The stipulation to have "no PFAS" means does not contain an intentionally added perfluoroalkyl substance or polyfluoroalkyl substance.

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 purchase which have been designated by the U.S. Department of Agriculture (USDA) for biobased products, DOE for FEMP products, EPA for ENERGY STAR certified, SNAP, recycled content, and WaterSense products. For the requirements (such as percent of post-consumer recycled content), see the GPC (http://sftool.gov/GreenProcurement).
R+	Required product but the requirement is more than designated because products are readily available in the marketplace. 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.

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Priority Products List

CAFETERIA

Product Type	Priority Products Minimum Sustainable Goals
Commercial Food Service Equipment	**Goal: 100% of purchases have no PFAS in the refrigerant and meet one or more of the following** • R+ ENERGY STAR certified and with climate-friendly refrigerant if freezer, ice maker, or refrigerator • 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: 100% of purchases have no PFAS stain resistant chemicals and meet one or more of the following** • R Biobased certified (minimum 48% cutlery, 72% containers/dishware) and BPI certified compostable or on Compost Manufacturing Alliance approved list (provided composting available) • CEH list of products • GreenScreen certified • SPLC Food Service Guide • 20% post-consumer recycled content paper • Contract ensures all materials are either recyclable or BPI certified/ Compost • Manufacturing Alliance approved compostable
[Dishwasher Detergent](#)	**Goal: 100% of new purchases have no antimicrobials, nonylphenol ethoxylate or PFAS 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 GS-53 certified*
Food	**Goal: 100% of purchases have no PFAS in the food package and 50% of those 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)

CONSTRUCTION

Product Type	Priority Products Minimum Sustainable Goals
Adhesives	**Goal: 100% of purchases have no CA Prop 65 chemicals and meet one or more of the following** • Cradle2Cradle certified (floor adhesives only) (highest level available)

Criteria for selecting goals is available on the [EHSS-21 SharePoint Website](#)

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	• CRI Green Label Plus certified • SCS Indoor Advantage Gold certified • UL 2762 certified • UL 2818 certified • R Biobased certified (minimum 24%)
Boilers - Commercial	**Goal: 95% of purchases meet the following** • R ENERGY STAR certified, or FEMP qualified
Carpet - Commercial	**Goal: 100% of purchases have no antimicrobials, PFAS stain resistant chemicals, PVC, or VOCs <u>and</u> meet one or more of the following** • Cradle2Cradle certified (highest level available) • Greenhealth approved • NSF-140 Platinum certified • GECA certified • EPD Type III, product & facility specific • 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 <u>and</u> meet one or more of the following** • CA 01350 • Cradle2Cradle certified (highest level available) • UL 2818 certified • EPD Type III, product & facility specific • 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 and with climate-friendly refrigerant
Concrete	**Goal: 75% of purchases meet one or more of the following** • Pervious • Carbon-dioxide sequestered aggregate • EPD Type III, product & facility specific • 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 • EPD Type III, product & facility specific • SCS Indoor Advantage Gold certified • UL 2818 certified • R Biobased certified (minimum 55%) • R Recycled content (minimum 80%) • Cradle2Cradle certified (highest level available)
Flooring - Resilient	**Goal: 100% of purchases have no mercury, PFAS, or PVC and meet one or more of the following** • Cradle2Cradle certified (highest level available) • EPD Type III, product & facility specific • GreenCircle certified • Greenhealth approved • R Recycled content (floor tiles minimum 90% plastic/rubber) • R Biobased content certified (minimum 91%) • No wax flooring • *GECA certified*

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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 <u>and</u> meet one or more of the following** <u>Batt</u> (steel frame with metal stud wall) • No VOCs or fiberglass (LEED recommends cotton) • EPD Type III, product & facility specific • R Recycled content (minimum 100%) • *SCS Indoor Advantage Gold certified excluding fiberglass insulation* • *UL 2818 certified excluding fiberglass insulation* <u>Foam</u> (preinsulated metal siding) • EPD Type III, product & facility specific • UL 2818 certified • R+ Biobased certified (minimum 23%) <u>Foam Board Rigid</u> (roof & concrete buildings) • No flame retardants or VOCs • EPD Type III, product & facility specific • 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 • EPD Type III, product & facility specific • 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** <u>Heat pump</u> • R ENERGY STAR certified <u>Tankless</u> • R ENERGY STAR certified

Criteria for selecting goals is available on the [EHSS-21 SharePoint Website](#)

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CUSTODIAL

Product Type	Priority Products Minimum Sustainable Goals
Cleaners: Carpet, Glass, Hand, Multipurpose	**Goal: 100% of purchases have biobased content, no antibacterial ingredients or PFAS 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 • DfE certified disinfectants or RPN disinfectant specifications (To avoid bacteria becoming antibiotic resistant, use disinfectants only if required)
Floor Care	**Goal: 100% of purchases have 75% biobased content, no PFAS, 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 - Paper	**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 have no antimicrobials, fragrances, or PTFE and 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 • Reduce the use of plastic bags by 50%

ELECTRONICS
Data Center Electronics

Product Type	Priority Products Minimum Sustainable Goals
Data Center Storage	**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
Uninterruptible Power Supplies	**Goal: 95% of purchases meet the following** • R ENERGY STAR certified

Criteria for selecting goals is available on the EHSS-21 SharePoint Website

U.S. Environmental Protection Agency Recommendations of Specifications, Standards, and Ecolabels for Federal Purchasing are followed when available and applicable to the DOE GreenBuy Award Program.

Office Electronics

Product Type	Priority Products Minimum Sustainable Goals
Computers & Displays (desktops, monitors, notebooks)	**Goal: 95% of purchases meet the following** • R+ EPEAT registered Gold
Computers & Displays (integrated, signage displays, 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 Gold
Phones – Voice Over Internet Protocol	**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 certified • R2 certified
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" <u>and</u> 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%)

Criteria for selecting goals is available on the EHSS-21 SharePoint Website

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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 use no PFAS and 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 or more 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)

Furniture	**Goal: 100% of purchases have no antimicrobials, flame retardants, PFAS stain resistant chemicals, PVC or VOCs <u>and</u> meet one or more of the following**
	• BIFMA Level 2 certified (49 points or higher)
	• Cradle2Cradle certified (highest level available)
	• Remanufactured
	• R Recycled content (minimum 1-100% depending on material) and low- emitting certified by either
	  • SCS Indoor Advantage Gold certified
	  • UL 2818 certified
	• *GreenScreen*

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%)

Criteria for selecting goals is available on the EHSS-21 SharePoint Website

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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: 100% of purchases have no PFAS in the refrigerant and meet the following** • R+ ENERGY STAR certified and with climate-friendly refrigerants
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: 100% of purchases and leases have no PFAS in the refrigerant and meet the following** • R+ ENERGY STAR certified and with climate-friendly refrigerants • 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 Products 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.

Criteria for selecting goals is available on the [EHSS-21 SharePoint Website](#)

U.S. Environmental Protection Agency Recommendations of Specifications, Standards, and Ecolabels for Federal Purchasing are followed when available and applicable to the DOE GreenBuy Award Program.

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, such as purchasing from • GSAXcess (https://gsaxcess.gov/)
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* (https://www.epa.gov/warm/recycled-content-recon-tool#online*)*
Any	**Green Laboratory Products Goal:** *Specify the ACT label for at least one chemical/reagent, research lab consumable, or research lab equipment* (https://act.mygreenlab.org/)
Any	**My Green Lab Certification Goal:** *Achieve My Green Lab Certification 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.)* (https://www.mygreenlab.org/green-lab-certification.html)
Any	**Technology Transfer Goal:** *Any sustainable 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)
Chemicals	**Chemical Ingredient Disclosure Goal:** *Specify at least one vendor for a given product or contract that has signed on to endorsing the "Principles for Chemical Ingredient Disclosure"* (https://www.bizngo.org/public-policies/principles-for-chemical-ingredient-disclosure)
Electronics	**IT Calculation Goal:** *Using the EPEAT Benefits Calculator* (https://www.epeat.net/calculators) • Calculate the benefits of your applicable EPEAT purchases in this FY (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 <u>or</u> • Incorporate one or more procurement process questions into an applicable IT contracting activity
Fume Hoods	**Fume Hood Goal:** *Calculate energy use of all research lab fume hoods on site using the "Laboratory Fume Hood Energy Modeler"* (https://fumehoodcalculator.lbl.gov/)

Criteria for selecting goals is available on the EHSS-21 SharePoint Website

U.S. Environmental Protection Agency Recommendations of Specifications, Standards, and Ecolabels for Federal Purchasing are followed when available and applicable to the DOE GreenBuy Award Program.

Attachment 4: GreenBuy and GreenSpace Verification of Sustainable Products and Resource Guide

I. 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. Verifying that products received meet the specifications enumerated in a contract or purchasing agreement is good business practice. 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 GPC (https://sftool.gov/greenprocurement) on the Sustainable Facilities Tool website.

II. Pre-Award Strategies

For pre-award strategies to ensure successful delivery of sustainable products and services, see the General Services Administration pre-award guidance[9].

III. Post-Award Procurement Actions

For post-award strategies for verifying successful delivery of sustainable products and services, see the General Services Administration post-award guidance[10].

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 EPA or 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 evaluated in accordance with current Federal purchasing requirements.

The GPC (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 GPC 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.

ACT – The Environmental Impact Factor Label for Research Lab Products
- **Covered Product Types:**
  - ○ Chemicals & Reagents

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[9] https://sftool.gov/plan/542/pre-award-strategies-ensure-successful-delivery-sustainable-products-services

[10] https://sftool.gov/plan/654/post-award-strategies-verifying-successful-delivery-sustainable-products-services

Criteria for selecting goals is available on the EHSS-21 SharePoint Website

U.S. Environmental Protection Agency Recommendations of Specifications, Standards, and Ecolabels for Federal Purchasing are followed when available and applicable to the DOE GreenBuy Award Program.

- ○ Consumables
- ○ Equipment
- **Compliance Determination:** Determine if product is certified to ACT (https://act.mygreenlab.org/)

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). Optional criterion 7.4.4 precludes the use of PFAS stain resistant chemicals. 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. Any product containing a chemical on the CA Prop 65 list must contain a warning. No warning indicates the product does not contain any CA Prop 65 chemicals. As of December 2021, the list includes three PFAS chemicals: PFOA (perfluorooctanoic acid), PFOS (perfluorooctane sulfonate), and PFNA (perfluorononanoic acid). (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 – Centers for Disease Control and Prevention, 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 _ope rations.pdf)

Criteria for selecting goals is available on the EHSS-21 SharePoint Website

U.S. Environmental Protection Agency Recommendations of Specifications, Standards, and Ecolabels for Federal Purchasing are followed when available and applicable to the DOE GreenBuy Award Program.

CEH – Center for Environmental Health
- **Applicable Covered Product Types:**
  - o 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_MN SEcr6HM/edit#gid=635578363 This CEH products list shows the foodware that does and does not contain fluorine chemicals—PFAS.
  - o Furniture Guide: https://ceh.org/?s=furniture+guide
- **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/dlm_uploads/QPL_guidance_test_procedures_FINAL_2020docx-1.pdf) and is on the Qualified Products List (https://clearroads.org//wp-content/uploads/dlm_uploads/QPL_Updated-9.16.22.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 (https://cdn.c2ccertified.org/resources/STD_C2C_Certified_V4.0_FINAL_101921.pdf). The Cradle2Cradle standard allows no organohalogen substances (organic compounds that contain chlorine, bromine, fluorine atoms such as PFASs) above relevant thresholds at the lowest (bronze) level of certification and requires upholding human rights and applying fair and equitable business practices. For a list of registered products, see http://www.c2ccertified.org/products/registry.

Criteria for selecting goals is available on the EHSS-21 SharePoint Website

U.S. Environmental Protection Agency Recommendations of Specifications, Standards, and Ecolabels for Federal Purchasing are followed when available and applicable to the DOE GreenBuy Award Program.

CRI – The Carpet and Rug Institute, 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 (https://www.epa.gov/pesticide-labels/dfe-certified-disinfectants)

Ecowise – Ecowise Certified Standards for Integrated Pest Management 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 (https://www.ecowisecertified.org/pdf/ecowise_standards.pdf)
  Certified Services (https://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, product and facility specific environmental product declaration, which is based on ISO 14025 (https://www.iso.org/standard/38131.html). To identify available Type III, third-party certified, product and facility specific environmental product declarations, use the EC3 Tool (buildingtransparency.org).

EPEAT – Global Electronics Council's Electronic Product Environmental Assessment Tool
- **Covered Product Types:**
  - Computers and Displays (includes desktops, integrated, monitors, notebooks, tablets, small- scale servers, signage displays, 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

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confirms the product is an active EPEAT registered product on the EPEAT Registry. The computer, photovoltaic module, and server standards to which EPEAT registers equipment have social responsibility criteria. The EPEAT website contains a list of active registered products (https://epeat.net/).

e-Stewards – Standard for E-Waste Recycling and Refurbishment
- **Covered Service Type:** Certified Recyclers of Electronic Equipment
- **Compliance Determination:** Determine whether your electronic equipment recycler is e- Steward certified:
  Standard (https://e-stewards.org/learn-more/for-recyclers/access-the-standard/purchase-the- standard/)
  Certified Recyclers (https://e-stewards.org/find-a-recycler/).

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

Criteria for selecting goals is available on the EHSS-21 SharePoint Website

U.S. Environmental Protection Agency Recommendations of Specifications, Standards, and Ecolabels for Federal Purchasing are followed when available and applicable to the DOE GreenBuy Award Program.

- ○ 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.
  - o Standard: https://geca.eco/our-standard-list/. Short-chain (<13 C) chlorinated organic flame retardants, their functional derivatives or in-situ precursors must not be added to finished products, their component parts or be used at any stage of the manufacturing process, including as preparatory agents, cleaners or degreasers in the production facility.
  - o Certified Products: http://geca.eco/product-finder/

GreenCircle – GreenCircle certification

- **Covered Service Types:** Numerous
- **Compliance Determination:** Determine if documentation provided by contractor confirms the flooring is GreenCircle certified (https://db.greencirclecertified.com/)

Greenhealth – Program of Healthcare without Harm

- **Covered Product Types:**
  - ○ Carpet
  - ○ Flooring (resilient)
- **Compliance Determination:** Determine if documentation provided by contractor confirms the furniture meets the Greenhealth criteria for its approved list:
  - o Carpet Guidance (https://greenhealthapproved.org/greenhealth-approved-carpet)
  - o Carpet Approved list (https://greenhealthapproved.org/greenhealth-approved-products)
  - o Flooring Guidance (https://noharm-uscanada.org/sites/default/files/documents-files/5650/HCWH%20Healthy%20Flooring%20criteria%20guidance_November%202019.pdf)
  - o Flooring Approved list (https://greenhealthapproved.org/greenhealth-approved-products)

  To be on the approved lists, products must not contain antimicrobials, flame retardants, formaldehyde, per and poly--fluorinated compounds (PFAS stain resistant chemicals), or polyvinyl chloride.

GreenScreen – Clean Production Action certification

- **Covered Product Types:**
  - ○ Furniture and Fabrics

Criteria for selecting goals is available on the EHSS-21 SharePoint Website

U.S. Environmental Protection Agency Recommendations of Specifications, Standards, and Ecolabels for Federal Purchasing are followed when available and applicable to the DOE GreenBuy Award Program.

- ○ Takeout Foodware
- **Compliance Determination:** Determine if documentation provided by contractor confirms the product meets the GreenScreen criteria for its approved list:
  - o Furniture and Fabrics Standard (https://www.greenscreenchemicals.org/images/ee_images/uploads/resources/CPA_GSC_Furniture_Fabric_v1-1.pdf)
  - o Furniture and Fabrics Certified (https://www.greenscreenchemicals.org/certified/products/category/furniture-fabrics/) To be on the certified list, furniture must not contain antimicrobials, flame retardants, per and poly--fluorinated compounds (PFAS stain resistant chemicals), polyvinyl chloride or volatile organic compounds (VOC).
  - o Takeout Foodware Standard (https://www.greenscreenchemicals.org/images/ee_images/uploads/resources/CPA_GSC_Food_Service_Ware_Standard_v1-0.pdf)
  - o Takeout Foodware Certified (https://www.greenscreenchemicals.org/certified/products/category/food)

[Green Seal](#) – Green Seal, Inc. standards

- **Covered Product Types:**
  - ○ 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.
  Standards (https://greenseal.org/green-seal-standards/standards-list/) Certified Products (https://certified.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/).

Criteria for selecting goals is available on the [EHSS-21 SharePoint Website](#)

U.S. Environmental Protection Agency Recommendations of Specifications, Standards, and Ecolabels for Federal Purchasing are followed when available and applicable to the DOE GreenBuy Award Program.

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 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.

My 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)

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). A manufacturer shall receive one point for documenting that the product does not contain fluorotelomers based on C8 (perfluorooctanoic acid) or higher fluorocarbon chemistries (Criterion 6.3.1 of the NSF/ANSI 140 – 2019 Sustainability Assessment for Carpet).

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

Criteria for selecting goals is available on the EHSS-21 SharePoint Website

U.S. Environmental Protection Agency Recommendations of Specifications, Standards, and Ecolabels for Federal Purchasing are followed when available and applicable to the DOE GreenBuy Award Program.

(https://www.fs.usda.gov/wildflowers/pollinators/BMPs/documents/PollinatorFriendlyBMP sFed eralLands05152015.pdf).

R2 – Responsible Recycling practices for use in Accredited Certifications Programs

- **Covered Service Type:** Certified Recyclers of Electronic Equipment
- **Compliance Determination:** Determine whether your electronic equipment recycler is R2 certified:
  Standard (https://sustainableelectronics.org/welcome-to-r2v3/document-library/) Certified Recyclers (https://sustainableelectronics.org/find-an-r2-certified-facility/).

RoHS – European Union Restriction of Hazardous Substances Directive

- **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_pu rcha sing_guide.pdf
  - Disinfectant guidelines
    http://www.sfenvironment.org/sites/default/files/fliers/files/sfe_th_safer_products_and_p ract ices_for_disinfecting.pdf
  - Food Purchasing guidelines
    http://www.responsiblepurchasing.org/purchasing_guides/food/climate_friendly_food_p urch asing.pdf?utm_source=Spring+2018+Newsletter&utm_campaign=Spring+2018+Newsl etter &utm_medium=email
  - Foodware guidelines
    http://responsiblepurchasing.org/purchasing_guides/food_service_ware/index .php
  - Rechargeable batteries and battery chargers guidelines
    https://sfapproved.org/sites/default/files/files/general-files/sfa_report_RPN_CHARGING%20AHEAD%20Rep ort.pdf
- **Compliance Determination:** Determine if documentation provided by contractor confirms the product meets the RPN specifications.

Criteria for selecting goals is available on the EHSS-21 SharePoint Website

U.S. Environmental Protection Agency Recommendations of Specifications, Standards, and Ecolabels for Federal Purchasing are followed when available and applicable to the DOE GreenBuy Award Program.

Safer Choice – EPA'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). PFAS are not allowed in Safer Choice certified products because PFAS do not meet the Safer Chemical Criteria.

SPLC – Sustainable Purchasing Leadership Council
- **Covered Product Types:**
  - Food and Beverage (https://community.sustainablepurchasing.org/content/uploads/_mediavault/2018/05/SPLC-Food-and-Beverage-Exec.-Summary_Final.pdf) (Requires Membership
  - Containers, Cutlery, Dishware: Takeout Service – SPLC Food Service Guide (https:// old.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 (https://i-itc.org/certified-companies/).

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
  - UL 175 Toilet Tissue (formerly EcoLogo 82)
    Standard: http://www.comm-2000.com/ProductDetail.aspx?UniqueKey=27249
  - UL 2759 General Cleaner (formerly EcoLogo 146)
    Standard: http://www.comm-2000.com/ProductDetail.aspx?UniqueKey=23384
  - UL 2762 Adhesives (formerly EcoLogo 46)
    Standard: http://www.comm-2000.com/ProductDetail.aspx?UniqueKey=23406

Criteria for selecting goals is available on the EHSS-21 SharePoint Website

U.S. Environmental Protection Agency Recommendations of Specifications, Standards, and Ecolabels for Federal Purchasing are followed when available and applicable to the DOE GreenBuy Award Program.

- o UL 2771 Copy Paper (formerly EcoLogo 077)
  Standard: http://www.comm-2000.com/ProductDetail.aspx?UniqueKey=23431
- o UL 2777 Floor Cleaner (formerly EcoLogo 147)
  Standard: http://www.comm-2000.com/ProductDetail.aspx?UniqueKey=23607
- o UL 2784 Hand Cleaner (formerly EcoLogo 104)
  Standard: http://www.comm-2000.com/ProductDetail.aspx?UniqueKey=23404
- o UL 2792 Parts Wash Solution (formerly EcoLogo 110)
  Standard: http://www.comm-2000.com/PurchaseProduct.aspx?UniqueKey=31077
- o UL 2795 Carpet Cleaner (formerly EcoLogo 148)
  Standard: http://www.comm-2000.com/ProductDetail.aspx?UniqueKey=24123
- o 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

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

To access the standards:
1. Once at the URL indicated, click on "Checkout"
2. Log on with your user name and password (you will have to set that up if you have not already) Select "Checkout" once again
3. Select "Download PDF" (red box) Select "Download Standard (red box)
4. 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). Certified products (https://spot.ul.com/main-app/products/catalog/?keywords=)

WBDG – Whole Building Design Guide
- **Covered Product Type:** Numerous including
  - o Building
  - o Materials/Furnishings
  - o Photovoltaics
  - o 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 GPC (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.

Criteria for selecting goals is available on the EHSS-21 SharePoint Website

Biobased/Mandatory Federal Purchasing – USDA'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/). BPI allows no organic fluorinated chemicals, such as PFAS substances, in BPI certified products (https://bpiworld.org/fluorinated-chemicals).

CA ATCM 93120 – State of California, 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)

Climate-Friendly Refrigerants – Sustainable Purchasing Leadership Council

- **Covered Product Types:**
  - Air Conditioners
  - Commercial Ice Makers

Criteria for selecting goals is available on the EHSS-21 SharePoint Website

U.S. Environmental Protection Agency Recommendations of Specifications, Standards, and Ecolabels for Federal Purchasing are followed when available and applicable to the DOE GreenBuy Award Program.

- ○ Commercial Refrigerators
- ○ Freezers
- ○ Heat Pump Water Heaters
- ○ Lab-Grade Freezers and Refrigerators
- ○ Refrigerators
- ○ Vehicle Air Conditioners
- ○ Vending Machines
- **Compliance Determination:** Determine if documentation provided by contractor confirms via product label or other language that product is ENERGY STAR certified and contains a climate- friendly refrigerant. Verify that information on the Climate-Friendly Refrigerant website (https://www.climatefriendlycooling.com/). All products on the Climate-Friendly Refrigerant website are ENERGY STAR certified.

Compost Manufacturing Alliance – Compostability Testing

- **Applicable Covered Product Types:**
  - ○ Bags
  - ○ Bowls
  - ○ Clamshells
  - ○ Coffee Pods
  - ○ Coffee Sleeves
  - ○ Containers – take out
  - ○ Cups
  - ○ Drink Carriers
  - ○ Food Trays
  - ○ Gloves
  - ○ Napkins
  - ○ Paper Towels
  - ○ Plates
  - ○ Straws
  - ○ Utensils
- **Compliance Determination:** Determine if documentation provided by contractor confirms the product is on the Cedar Grove certified products list (https://compostmanufacturingalliance.com/product-category/cma-i-covered-in-vessel,cma-s- substrate-acceptance/?cat=cmai). Any items containing total fluorine >100 ppm, or items that are not verified as containing <100 total fluorine by lab report from the manufacturer, are removed from all CMA lists of certified products (https://compostmanufacturingalliance.com/cma-field-testing/).

ENERGY STAR – EPA's energy efficiency standards

- **Covered Product Types:**
  - ○ Building Products
  - ○ Commercial Appliances and Food Equipment
  - ○ Data Center Equipment
  - ○ Electronic Equipment

Criteria for selecting goals is available on the EHSS-21 SharePoint Website

U.S. Environmental Protection Agency Recommendations of Specifications, Standards, and Ecolabels for Federal Purchasing are followed when available and applicable to the DOE GreenBuy Award Program.

- ○ 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 – DOE's Federal Energy Management Program energy efficiency standards
- **Covered Product Types:**
  - ○ 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 – DOE's Federal Energy Management Program low standby power 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).

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

Criteria for selecting goals is available on the EHSS-21 SharePoint Website

U.S. Environmental Protection Agency Recommendations of Specifications, Standards, and Ecolabels for Federal Purchasing are followed when available and applicable to the DOE GreenBuy Award Program.

confirms the product meets the minimum Air Emission Certification of volatile organic compound (VOC) 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 (https://www.humanesociety.org/sites/default/files/docs/hsus-report-issues- with-hormones-welfare.pdf)

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 standards. Determine if documentation provided by contractor confirms the product is OMRI certified (https://www.omri.org/omri-search).

Organic – USDA's 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).

PFAS/PTFE – Perfluorinated Chemicals (per- and polyfluoroalkyl substances)/a PFAS chemical

- **Covered Product Types:** Numerous
- **Compliance Determination:** Specify "no perfluorinated chemicals" in pertinent contracts (http://greensciencepolicy.org/highly-fluorinated-chemicals/). Refrigerants R290 and R600a (typically used in refrigerated display cases, freezers, refrigerators, vending machines, and some ice makers) are climate friendly and PFAS free (https://www.climatefriendlycooling.com/).

Criteria for selecting goals is available on the EHSS-21 SharePoint Website

U.S. Environmental Protection Agency Recommendations of Specifications, Standards, and Ecolabels for Federal Purchasing are followed when available and applicable to the DOE GreenBuy Award Program.

PVC – Polyvinyl Chloride

- **Covered Product Types:** Numerous
- **Compliance Determination:** Specify "no PVC chemicals" in pertinent contracts (https://www.epa.gov/sites/default/files/2017-08/documents/method_107.pdf)

Recycled/CPG – EPA'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:** Determine if documentation provided by contractor confirms via product label or other language that product meets the recycled content designated by the CPG. 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. Some example sources would be found at https://www.crandalloffice.com/shop/?product-category=remanufactured-chairswww.daviesoffice.com; and https://www.re-form.com/remanufactured-furniture/

SCAQMD – South Coast Air Quality Management District

- **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- http://www.aqmd.gov/docs/default-source/rule-book/reg-xi/r1113.pdf?sfvrsn=24).

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

Criteria for selecting goals is available on the EHSS-21 SharePoint Website

U.S. Environmental Protection Agency Recommendations of Specifications, Standards, and Ecolabels for Federal Purchasing are followed when available and applicable to the DOE GreenBuy Award Program.

- **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 –EPA's 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 (https://www.epa.gov/smartway/smartway-partner-list) 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 –EPA'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.

VOC – Volatile Organic Compounds
- **Covered Product Types:** Numerous
- **Compliance Determination:** Determine if documentation provided by the contractor confirms the product meets the California Department of Public Health Standard Method for Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources

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Criteria for selecting goals is available on the EHSS-21 SharePoint Website

U.S. Environmental Protection Agency Recommendations of Specifications, Standards, and Ecolabels for Federal Purchasing are followed when available and applicable to the DOE GreenBuy Award Program.

Using Environmental Chambers, Version 1.2-2017 (https://www.cdph.ca.gov/Programs/CCDPHP/DEODC/EHLB/IAQ/CDPH%20Document%20L ibrary/CDPH-IAQ_StandardMethod_V1_2_2017_ADA.pdf).

WaterSense - EPA'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).

I. 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://responsiblepurchasing.org/#.
- **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)
- **U.S. Environmental Protection Agency** - *How EPA's Recommended Standards and Ecolabels Address PFAS* (https://www.epa.gov/greenerproducts/how-epas-recommended-standards-and- ecolabels-address-and-polyfluoroalkyl-substances)

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