

U.S. Department of Energy GreenBuy Award Program – Fiscal Year 2025

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) 2025.

- 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 requirements

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 requirements¹ for the preferential purchase of products (often referred to as designated products) that are:

- Recovered materials products – Comprehensive Procurement Guideline designated (FAR 23.107-1)
- Biobased products – Mandatory Federal Purchasing designated (FAR 23.107-2)
- Energy- and water-consuming products – ENERGY STAR certified or meet Federal Energy Management Program (FEMP) energy efficiency and low standby power requirements (FAR 23.107-3)
- Non-ozone depleting – Significant New Alternatives Policy (SNAP) alternative (FAR 23.107-4)

In addition to products designated by statute, the Federal Acquisition Regulation (FAR 23.108) specifies purchasing to the maximum extent practicable products and services that meet U.S. Environmental Protection Agency (EPA) purchasing program requirements:

- Safer Choice for chemically-intensive products
- WaterSense for water efficient products
- EPA Recommendations of Specifications, Standards, and Ecolabels

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

The General Services Administration (GSA) has a Green Procurement Compilation (GPC) tool² 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 exemptions if the required products do not meet cost, availability, or performance needs. Because the GreenBuy Program is voluntary, however, no exemptions 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.

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>

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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 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/GreenSpace 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

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. 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 urinals were purchased in the FY and 48 were waterless, then the minimum sustainability goal of 90 percent for urinals 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

⁴ <https://sustainabilitydashboard.doe.gov>

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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:

- 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

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, water heaters were claimed to meet the ENERGY STAR goal, in the subsequent year, when achieving the 80% Silver level, the water heaters do not have to meet a higher level ENERGY STAR goal than the year in which they were initially claimed.

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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 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
- Concrete Flooring

⁵ <https://sustainabilitydashboard.doe.gov>

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- Coolant
- 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

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 certified⁶)

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

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 having 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.

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 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."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 Climate Adaptation Plan
- Offers specifications to incorporate into contracts and purchase orders in the following product categories:
 - Cafeteria
 - Construction
 - Custodial
 - Electronics
 - Grounds/Landscaping
 - Office
 - Operations/Fleet/Shipping/Shop
 - 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). For help identifying products that meet some of the goals, check out the Priority Products information on the GSA SFTool DOE "Priority Products Categories."⁹

The Priority Products List does not reflect all products with Sustainable Acquisition requirements. Instead, it is 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:

- Standards – product certification to multi-attribute standards when applicable standards are available (for example, Green Seal standards for cleaners);
- 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

⁷ <https://www.epa.gov/greenerproducts/epas-recommendations-specifications-standards-and-ecolabels>

⁸ <https://www.energy.gov/ehss/articles/history-and-background-development-us-department-energys-greenbuy-award-program-and>

⁹ <https://sftool.gov/greenprocurement>

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- Specifications – product specifications of single attribute standards (for example, percent of biobased or recycled content).

Changes to the Priority Products for FY 2025

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 2025:

General

Designated product requirements are stipulated for each applicable product with the acknowledgement that exemptions of cost, availability, and performance apply.

Construction

- **Concrete:**
 - Percent of purchases increased to 100%
 - “Environmental Product Declaration” required
 - Goal of pozzolan added
- **Lighting:**
 - Percent of purchases increased to 100%
 - Goal of ENERGY STAR certified removed

Grounds/Landscaping

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

Notes

- The goals and their abbreviations are explained in Attachment 4.
- **Bolded goals** are required unless exempted due to cost, availability, or performance.
- *Italicized* goals are ones for which few products have been certified.
- Highlighted product names are linked to brands that meet the stipulations, requirement, and at least one goal.
- Many products meeting the Priority Products goals can be found at SFTool Product Search.¹⁰
- 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 per- or polyfluoroalkyl substance. See the Responsible Purchasing Network guide for avoiding PFAS in products.¹¹

¹⁰ <https://sftool.ecomedes.com/>

¹¹ <https://www.mass.gov/files/documents/2023/05/11/OSD%20PFAS%20Free%20Purchasing%20Guide.pdf>

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Symbols/Terminology Key

*	Televisions are defined as anything with an independent tuner/receiver that is capable of displaying audiovisual signals from various sources.
CAP	Cost, availability, performance are exemptions allowed for 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 further information on 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.

Priority Products List

Product Type	Priority Products Minimum Sustainable Goals
	CAFETERIA
Commercial Food Service Equipment	Goal: 100% of purchases have no PFAS in the refrigerant <u>and</u> meet statutory requirements (shown in bold) unless exempted due to CAP <ul style="list-style-type: none"> • 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 <u>meet the following</u> <ul style="list-style-type: none"> • Durable (Reusable) Containers, Cutlery, Dishware
Containers, Cutlery, Dishware: Take-Out Service	Goal: 100% of purchases have no PFAS stain resistant chemicals, meet statutory requirement (shown in bold) unless exempted due to CAP <u>and</u> one or more goals not bolded below <ul style="list-style-type: none"> • 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 • 10% post-consumer recycled content paper • Contract ensures all materials are either recyclable or BPI certified or Compost Manufacturing Alliance approved compostable
Dishwasher Detergent	Goal: 100% of new purchases have no antimicrobials, nonylphenol ethoxylates or PFAS; meet statutory requirement (shown in bold) unless exempted due to CAP <u>and</u> one or more goals not bolded below <ul style="list-style-type: none"> • Biobased certified (minimum 58%) • Safer Choice certified • UL 2759 certified • <i>Cradle2Cradle</i> certified (highest level available) • <i>Green Seal GS-53</i> 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 <ul style="list-style-type: none"> • 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)

Product Type	Priority Products Minimum Sustainable Goals
	CONSTRUCTION
Adhesives	Goal: 100% of purchases have no CA Prop 65 chemicals, meet statutory requirement (shown in bold) unless exempted due to CAP and one or more goals not bolded below <ul style="list-style-type: none"> • Biobased certified (minimum 24%) • Cradle2Cradle certified (floor adhesives only) (highest level available) • CRI Green Label Plus certified • SCS Indoor Advantage Gold certified • UL 2818 certified
Boilers - Commercial	Goal: 100% of purchases meet statutory requirement (shown in bold) unless exempted due to CAP <ul style="list-style-type: none"> • ENERGY STAR certified or FEMP qualified
Carpet - Commercial	Goal: 100% of purchases have no antimicrobials, PFAS stain resistant chemicals, PVC, or VOCs; meet statutory requirement (shown in bold) unless exempted due to CAP <u>and</u> one or more goals not bolded below <ul style="list-style-type: none"> • R+ Biobased content certified (minimum 20%) and take back in contract for new carpet • Cradle2Cradle certified (highest level available) • Greenhealth approved • NSF-140 Platinum certified • GECA certified • EPD Type III, product & facility specific • HPD third-party certified to version 2.3 • 25% post-consumer recycled content and take back in contract for new carpet
Ceiling Tile - Acoustical	Goal: 100% of purchases have no antimicrobials or flame retardants, meet statutory requirement (shown in bold) unless exempted due to CAP <u>and</u> one or more goals not bolded below <ul style="list-style-type: none"> • Biobased certified (minimum 37%) • Cradle2Cradle certified (highest level available) • UL 2818 certified • EPD Type III, product & facility specific • HPD third-party certified to version 2.3 • 20% recycled content and take back requirement in contract for new ceiling tile
Central Air Conditioners	Goal: 100% of purchases meet statutory requirement (shown in bold) unless exempted due to CAP <ul style="list-style-type: none"> • ENERGY STAR certified
Chillers – Air Cooled or Water Cooled	Goal: 100% of purchases meet statutory requirement (shown in bold) unless exempted due to CAP <ul style="list-style-type: none"> • R+ FEMP qualified and with climate-friendly refrigerant
Concrete	Goal: 80% of purchases meet statutory requirements (shown in bold) unless exempted due to CAP and one or more goals not bolded below <ul style="list-style-type: none"> • R+ 25% Blast Furnace Slag recycled content • R+ 25% Fly Ash recycled content • GSA standard for low embodied carbon concrete • Carbon-dioxide sequestered (recycled) aggregate • Pozzolan content • Pervious
Fiberboard,	Goal: 100% of purchases meet statutory requirements (shown in bold) unless exempted due to CAP <u>and</u> one or more goals not bolded below

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Product Type	Priority Products Minimum Sustainable Goals
Gypsum Panels, Wallboard	<ul style="list-style-type: none"> • Recycled content (minimum 80%) (takes precedence over biobased) • Biobased certified (minimum 55%) • No mercury • EPD Type III, product & facility specific • HPD third-party certified to version 2.3 • SCS Indoor Advantage Gold certified • UL 2818 certifiedCradle2Cradle certified (highest level available)
Flooring - Resilient	<p>Goal: 100% of purchases have no mercury, PFAS, or PVC; meet statutory requirements (shown in bold) unless exempted due to CAP and one or more goals not bolded below</p> <ul style="list-style-type: none"> • Recycled content (floor tiles minimum 90% plastic/rubber) (takes precedence over biobased) • Biobased content certified (minimum 91%) • Cradle2Cradle certified (highest level available) • EPD Type III, product & facility specific • HPD third-party certified to version 2.3 • GreenCircle certified • Greenhealth approved • No wax flooring • <i>GECA certified</i>
Heat Pumps – Air or Ground Source	<p>Goal: 100% of purchases meet statutory requirement (shown in bold) unless exempted due to CAP</p> <ul style="list-style-type: none"> • ENERGY STAR certified
Insulation	<p>Goal: 100% of purchases are ENERGY STAR certified, meet other statutory requirements (shown in bold) unless exempted due to CAP <u>and</u> one or more goals not bolded below</p> <p><u>Batt</u> (steel frame with metal stud wall)</p> <ul style="list-style-type: none"> • Recycled content (minimum 100%) • No VOCs or fiberglass (LEED recommends cotton) • EPD Type III, product & facility specific • HPD third-party certified to version 2.3 • <i>SCS Indoor Advantage Gold certified</i> excluding fiberglass insulation • <i>UL 2818 certified</i> excluding fiberglass insulation <p><u>Foam</u> (preinsulated metal siding)</p> <ul style="list-style-type: none"> • R+ Biobased certified (minimum 17%) • EPD Type III, product & facility specific • HPD third-party certified to version 2.3 • UL 2818 certified <p><u>Foam Board Rigid</u> (roof & concrete buildings)</p> <ul style="list-style-type: none"> • Recycled content (minimum 23%) • No flame retardants or VOCs • EPD Type III, product & facility specific • HPD third-party certified to version 2.3 • UL 2818 certified • <i>SCS Indoor Advantage Gold certified</i>
Lighting: LED Commercial	<p>Goal: 100% of purchases meet statutory requirement (shown in bold) unless exempted due to CAP</p> <ul style="list-style-type: none"> • R+ FEMP qualified (DesignLights Consortium certified) and RoHS compliant

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Product Type	Priority Products Minimum Sustainable Goals
Paint – Interior Latex	Goal: 100% of purchases meet statutory requirements (shown in bold) unless exempted due to CAP and one or more goals not bolded below <ul style="list-style-type: none"> • R+ 50% recovered material and maximum of 50 grams/liter VOCs (takes precedence over biobased) • Biobased content certified (minimum 20%) and maximum of 50 grams/liter VOCs • Cradle2Cradle certified (highest level available) • MPI Extreme Green certified • EPD Type III, product & facility specific • HPD third-party certified to version 2.3
Roof Coating	Goal: 100% of purchases meet statutory requirement (shown in bold) unless exempted due to CAP <u>and</u> goal not bolded below <ul style="list-style-type: none"> • R+ Biobased certified (minimum 50%) • SCAQMD Rule #1113
Showerheads - Commercial	Goal: 90% of purchases meet the following <ul style="list-style-type: none"> • WaterSense labeled
Toilets - Commercial	Goal: 90% of purchases meet the following <ul style="list-style-type: none"> • WaterSense labeled
Urinals	Goal: 90% of purchases meet one or more of the following <ul style="list-style-type: none"> • Waterless urinal • WaterSense labeled for flushing urinals
Water Heater – Heat Pump or Tankless	Goal: 100% of purchases meet statutory requirement (shown in bold) unless exempted due to CAP <ul style="list-style-type: none"> • ENERGY STAR certified
	CUSTODIAL
Cleaners: Carpet, Glass, Hand, Multipurpose	Goal: 100% of purchases have no antibacterial ingredients or PFAS, meet statutory requirement (shown in bold) unless exempted due to CAP <u>and</u> one or more goals not bolded below <ul style="list-style-type: none"> • Biobased certified (carpet 54%, glass 49%, Hand 64%, Multipurpose 56%) • Cradle2Cradle certified (highest level available) • Green Seal GS-37, 41 certified • Safer Choice certified • UL 2795 certified
Disinfectants	Goal: 100% of practices and purchases <u>meet all of the following</u> <ul style="list-style-type: none"> • 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 no PFAS, meet statutory requirement (shown in bold) unless exempted due to CAP <u>and</u> one or more goals not bolded below <ul style="list-style-type: none"> • Biobased certified (minimum 75%) • Green Seal GS-40 certified • Safer Choice certified • UL 2777 certified
Tissue - Toilet	Goal: 100% of purchases meet statutory requirement (shown in bold) unless exempted due to CAP <u>and</u> one or more goals not bolded below <ul style="list-style-type: none"> • R+ 80% post-consumer recycled content and process chlorine-free • Green Seal GS-01 certified

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.

Product Type	Priority Products Minimum Sustainable Goals
	<ul style="list-style-type: none"> • UL 175 certified and process chlorine-free

Product Type	Priority Products Minimum Sustainable Goals
Towels - Paper	Goal: 100% of purchases meet statutory requirement (shown in bold) unless exempted due to CAP <u>and</u> goal not bolded below <ul style="list-style-type: none"> • R+ 100% recycled content with 50% post-consumer, process chlorine-free, and system to compost/recycle paper towels • Green Seal GS-01 certified
Trash Bags – Plastic	Goal: 100% of purchases have no antimicrobials, fragrances, or PTFE, meet statutory requirements (shown in bold) unless exempted due to CAP <u>and</u> one or more goals not bolded below <ul style="list-style-type: none"> • R+ 70% post-consumer recycled content (takes precedence over biobased) • R+ Biobased certified (minimum 22%) and BPI Compostable certified • UL 126 certified • Reduce the use of plastic bags by 50%
	ELECTRONICS
Data Center Electronics	
Data Center Storage	Goal: 100% of purchases meet statutory requirement (shown in bold) unless exempted due to CAP <ul style="list-style-type: none"> • ENERGY STAR certified
Large Network Equipment	Goal: 100% of purchases meet statutory requirement (shown in bold) unless exempted due to CAP <ul style="list-style-type: none"> • ENERGY STAR certified
Servers - Enterprise	Goal: 95% of purchases meet one of the following <ul style="list-style-type: none"> • EPEAT registered • EPEAT registered Climate+ (earn double points)
Uninterruptible Power Supplies	Goal: 100% of purchases meet statutory requirement (shown in bold) unless exempted due to CAP <ul style="list-style-type: none"> • ENERGY STAR certified
Office Electronics	
Computers & Displays (desktops, monitors, notebooks)	Goal: 95% of purchases meet one of the following <ul style="list-style-type: none"> • EPEAT registered Gold • EPEAT registered Climate+ (earn double points)
Computers & Displays (integrated, signage displays, tablets, thin clients, workstations)	Goal: 95% of purchases meet one of the following <ul style="list-style-type: none"> • EPEAT registered • EPEAT registered Climate+ (earn double points)
Imaging Equipment (copiers, multifunction devices, printers)	Goal: 95% of purchases meet one of the following <ul style="list-style-type: none"> • EPEAT registered Gold and duplexing capable • EPEAT registered Climate+ (earn double points)
Phones - Mobile	Goal: 95% of purchases meet the following <ul style="list-style-type: none"> • EPEAT registered Gold
Phones – Voice Over Internet Protocol	Goal: 100% of purchases meet statutory requirement (shown in bold) unless exempted due to CAP <ul style="list-style-type: none"> • ENERGY STAR certified
Repair, Refurbishment, Reuse, and Recycling Service	Goal: 100% of electronic equipment sent for recycling was recycled by recyclers certified to one of the following: <ul style="list-style-type: none"> • e-Stewards certified • R2 certified

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Product Type	Priority Products Minimum Sustainable Goals
Televisions*	Goal: 95% of purchases meet the following <ul style="list-style-type: none"> • <i>EPEAT registered (highest rating available)</i>
Other Electronics	
Photovoltaic Modules	Goal: 95% of purchases meet the following <ul style="list-style-type: none"> • <i>EPEAT registered (highest rating available)</i>
	GROUPS/LANDSCAPING
De-Icer	Goal: 100% of purchases meet statutory requirement (shown in bold) unless exempted due to CAP <u>and</u> one or more goals not bolded below <ul style="list-style-type: none"> • Biobased certified (minimum 93%) • Sand • Safer Choice certified excluding those with sodium chloride
Dust Suppressant	Goal: 100% of purchases meet statutory requirement (shown in bold) unless exempted due to CAP <u>and</u> goal not bolded below <ul style="list-style-type: none"> • Biobased certified (minimum 85%) • Safer Choice certified
Fertilizer	Goal: 100% of purchases are not “weed and feed,” meet statutory requirements (shown in bold) unless exempted due to CAP <u>and</u> one or more goals not bolded below <ul style="list-style-type: none"> • Recovered organic (takes precedence over biobased) • Biobased certified (minimum 71%) • 0% petroleum • OMRI certified
Herbicide/Weed Control	Goal: 100% of purchases meet statutory requirement (shown in bold) unless exempted due to CAP <u>and</u> one or more goals not bolded below <ul style="list-style-type: none"> • Biobased certified (minimum 100%) • Non-chemical (such as grazing goats) • No glyphosate (found in RoundUp and others) or 2,4-Dichlorophenoxyacetic acid • OMRI certified
Irrigation Systems	Goal: 75% of purchases meet one or more of the following <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • Pest Management Program certified by Green Shield • Pest Management Service certified by Ecovise • 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 <ul style="list-style-type: none"> • Pollinator friendly • WaterSense native plant guide • FEMP water-efficient landscaping

Product Type	Priority Products Minimum Sustainable Goals
	OFFICE
Binders	Goal: 100% of purchases have no microbial treatment and meet statutory requirement (shown in bold) unless exempted due to CAP <ul style="list-style-type: none"> • R+ 30% post-consumer recycled content and no vinyl
Bristols (cardstock)	Goal: 100% of purchases meet statutory requirements (shown in bold) unless exempted due to CAP <ul style="list-style-type: none"> • Post-consumer recycled content (minimum 30%) (takes precedence over biobased) • Biobased certified folders (minimum 56%)
Cartridges-Toner	Goal: 100% of purchases meet statutory requirement (shown in bold) unless exempted due to CAP <u>and</u> goals not bolded below <ul style="list-style-type: none"> • Remanufactured • STMC registered manufacturer • High-yield
Copy Paper	Goal: 100% of purchases meet statutory requirement (shown in bold) unless exempted due to CAP <ul style="list-style-type: none"> • 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, meet statutory requirement (shown in bold) unless exempted due to CAP <u>and</u> one or more goals not bolded below <ul style="list-style-type: none"> • R+ Recycled content (minimum 1-100% depending on material) and low-emitting certified by either <ul style="list-style-type: none"> ◦ SCS Indoor Advantage Gold certified ◦ UL 2818 certified • BIFMA Level 2 certified (49 points or higher) • CEH database of healthier furniture • Cradle2Cradle certified (highest level available) • Remanufactured • <i>GreenScreen certified</i>
	OPERATIONS/FLEET/SHIPPING/SHOP
Batteries (AA, AAA, and D cells)	Goal: 75% of purchases meet the following <ul style="list-style-type: none"> • RPN Rechargeable Battery specifications
Boxes – Shipping	Goal: 100% of purchases meet statutory requirements (shown in bold) unless exempted due to CAP <u>and</u> goal not bolded below <ul style="list-style-type: none"> • R+ 50% post-consumer recycled content fiber (takes precedence over biobased) • Biobased content certified (minimum 74%) • Reusable containers
Coolants	Goal: 100% of purchases meet statutory requirements (shown in bold) unless exempted due to CAP <ul style="list-style-type: none"> • Reclaimed (takes precedence over biobased) • Biobased content certified (minimum 89%)

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Product Type	Priority Products Minimum Sustainable Goals
Fuel Conditioners	Goal: 100% of purchases meet statutory requirement (shown in bold) unless exempted due to CAP <ul style="list-style-type: none"> • Biobased content certified (minimum 64%)
Grease: Multipurpose, Straight Oil, Truck	Goal: 100% of purchases meet statutory requirement (shown in bold) unless exempted due to CAP <ul style="list-style-type: none"> • Biobased content certified (minimum of 66-72% depending on type)
Hydraulic Fluids	Goal: 100% of purchases meet statutory requirement (shown in bold) unless exempted due to CAP <ul style="list-style-type: none"> • Biobased content certified (minimum 44%)
Metalworking Fluids: General Purpose, High Performance	Goal: 100% of purchases meet statutory requirement (shown in bold) unless exempted due to CAP <ul style="list-style-type: none"> • Biobased content certified (minimum of 40-57% depending on type)
Oil General:	Goal: 100% of purchases meet statutory requirements (shown in bold) unless exempted due to CAP <u>Auto Oil</u> <ul style="list-style-type: none"> • Re-refined <u>Chain and Cable Oil</u> <ul style="list-style-type: none"> • Biobased content certified (minimum 77%) <u>Corrosion Preventative</u> <ul style="list-style-type: none"> • Biobased content certified (minimum 53%) <u>Gear Oil</u> <ul style="list-style-type: none"> • Biobased content certified (minimum 58%) <u>Multipurpose Oil</u> <ul style="list-style-type: none"> • Biobased content certified (minimum 88%) <u>Penetrating Oil</u> <ul style="list-style-type: none"> • Biobased content certified (minimum 68%)
Parts Wash Solution	Goal: 100% of purchases meet statutory requirement (shown in bold) unless exempted due to CAP <u>and</u> one or more goals not bolded below <ul style="list-style-type: none"> • Biobased content certified (minimum 65%) • Safer Choice certified • <i>Green Seal GS-34 certified</i> • <i>UL 2792 certified</i>
Refrigerators and Freezers – Lab Grade	Goal: 100% of purchases have no PFAS in the refrigerant and meet statutory requirement (shown in bold) unless exempted due to CAP <ul style="list-style-type: none"> • R+ ENERGY STAR certified and with climate-friendly refrigerants
Sorbents	Goal: 100% of purchases have no CA Prop 65 chemicals and meet statutory requirements (shown in bold) unless exempted due to CAP <ul style="list-style-type: none"> • Recycled content (minimum 25-100% depending on material) (takes precedence over biobased) • Biobased content certified (minimum 89%)
Tires	Goal: 100% of purchases meet statutory requirement (shown in bold) unless exempted due to CAP <u>and</u> one or more goals not bolded below <ul style="list-style-type: none"> • Retreads for trucks and heavy equipment • Biobased • SmartWay Low Rolling Resistant
Vending Machines	Goal: 100% of purchases and leases have no PFAS in the refrigerant, meet statutory requirement (shown in bold) unless exempted due to CAP <u>and</u> goal not bolded below <ul style="list-style-type: none"> • R+ ENERGY STAR certified and with climate-friendly refrigerants • Power-saving features activated

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Product Type	Priority Products Minimum Sustainable Goals
Water Coolers	Goal: 100% of purchases meet statutory requirement (shown in bold) unless exempted due to CAP and goal not bolded below <ul style="list-style-type: none"> ENERGY STAR certified Point-of-use (bottleless)
	OTHER
Any	Individual DOE Site Leadership Goal: <i>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.</i> <ul style="list-style-type: none"> Recognition in this category provided by judges depending on circumstances described.
Any	Purchasing Reduction Goal - Product: <i>Any significant product that was once frequently used and was eliminated by one or more of the following:</i> <ul style="list-style-type: none"> 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: <i>Establish a used products online catalog or actual store of items still usable but no longer needed by the original user</i>
Any	Carbon Reduction Goal: <i>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)</i>
Any	Green Laboratory Products Goal: <i>Specify the ACT label for at least one chemical/reagent, research lab consumable, or research lab equipment (https://act.mygreenlab.org/)</i>
Any	My Green Lab Certification Goal: <i>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)</i>
Any	Technology Transfer Goal: <i>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</i> <ul style="list-style-type: none"> EonCoat exterior coating (see http://www.eoncoat.com/) Grease gator (see https://www.solvent-systems.com/greasegator.php) Solar control retrofit film (see https://www.gsa.gov/climate-action-and-sustainability/center-for-emerging-building-technologies/completed-assessments/building-envelope/solar-control-films)
Any	Training Goal: <i>Certify 20% of staff involved in specifying and procuring materials, products, and services are trained on the following:</i> <ul style="list-style-type: none"> Sustainable Acquisition for Federal Agencies (https://www.wbdg.org/continuing-education/femp-courses/femp44)
Batteries	Education Plan Goal: <i>Establish an education plan to ensure 1) rechargeable batteries are recharged and not disposed as if they were disposable batteries and 2) disposable batteries are recycled</i>
Chemicals	Chemical Ingredient Disclosure Goal:

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Product Type	Priority Products Minimum Sustainable Goals
	<p><i>Specify at least one vendor for a given product or contract that has signed on to endorsing the “Principles for Chemical Ingredient Disclosure”</i> (https://www.bizngo.org/public-policies/principles-for-chemical-ingredient-disclosure)</p>
Electronics	<p>IT Calculation Goal: <i>Using the EPEAT Benefits Calculator</i> (https://www.epeat.net/calculators)</p> <ul style="list-style-type: none"> • Calculate the benefits of your applicable EPEAT purchases in this FY (download into an Excel file and attach to the nomination)
Electronics	<p>IT Policy/Contract Goal: <i>Based on the Green Electronics Council “Purchasers Guide for Addressing Labor and Human Rights Impacts in IT Procurements”</i> (https://globalelectronicscouncil.org/new-purchasers-guide-for-addressing-labor-human-rights-impacts-in-technology-procurements/)</p> <ul style="list-style-type: none"> • 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	<p>Fume Hood Goal: <i>Calculate energy use of all research lab fume hoods on site using the “Laboratory Fume Hood Energy Modeler”</i> (https://fumehoodcalculator.lbl.gov/)</p>

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 page¹² 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.¹³

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.¹⁴

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 website¹⁵ is also a source for accessing many of the specifications, standards, and ecolabels listed here.

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.

¹² <https://sftool.gov/greenprocurement>

¹³ <https://sftool.gov/plan/542/pre-award-strategies-ensure-successful-delivery-sustainable-products-services>

¹⁴ <https://sftool.gov/plan/654/post-award-strategies-verifying-successful-delivery-sustainable-products-services>

¹⁵ <https://sftool.gov/greenprocurement>

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ACT – The Environmental Impact Factor Label for Research Lab Products

- **Covered Product Types:**
 - Chemicals & Reagents
 - 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/>)

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_operations.pdf).

CEH – Center for Environmental Health

- **Applicable Covered Product Types:**
 - Foodware
Guide: <https://www.keh.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#gid=635578363 This CEH products list shows the foodware that does and does not contain fluorine chemicals—PFAS.
 - Furniture
Guide: <https://keh.org/procurement-and-business-tools-kicking-toxic-chemicals-out-of-office-furniture/#database>

- **Compliance Determination:** Determine if documentation provided by contractor confirms the product meets the Center for Environmental Health specifications in their guidelines. Check CEH databases for compliant products.

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.
 - 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.
 - Certified products (<https://c2ccertified.org/certified-products>).

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)

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.

- **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 pertaining to their carbon emissions, smog creation, ozone depletion, water pollution
- **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 confirms the product is an active EPEAT registered product on the EPEAT Registry. **Especially seek electronic equipment registered to Climate+.** 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 Electronic-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

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- 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 (<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.
 - 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.
 - Carpet Guidance (<https://greenhealthapproved.org/greenhealth-approved-carpet>)
 - Carpet Approved list (<https://greenhealthapproved.org/greenhealth-approved-products>)
 - Flooring Guidance (<https://practicegreenhealth.org/tools-and-resources/healthy-flooring-criteria-and-guidance-manufacturers>)
 - 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
 - Takeout Foodware
- **Compliance Determination:** Determine if documentation provided by contractor confirms the product meets the GreenScreen criteria for its approved list.
 - Furniture and Fabrics Standard
(https://www.greenscreenchemicals.org/images/ee_images/uploads/resources/CPA_GSC_Furniture_Fabric_v1-1.pdf)
 - 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).
 - Takeout Foodware Standard
(https://www.greenscreenchemicals.org/images/ee_images/uploads/resources/CPA_GSC_Food_Service_Ware_Standard_v1-0.pdf)
 - Takeout Foodware Certified
(<https://www.greenscreenchemicals.org/certified/products/category/food>).

Green Seal – Green Seal, Inc. standards

- **Covered Product Types:**
 - Bags – Plastic Trash
 - 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 (<https://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/>)

HPD – Health Product Declaration Collaborative

- **Covered Product Types:** Numerous pertaining to their hazardous chemical composition and social equity practices
- **Compliance Determination:** Determine if documentation provided by contractor confirms the product is third-party certified to version 2.3.
 - Standard (<https://www.hpd-collaborative.org/hpd-2-3-standard-update/>)
 - Products available with health product declarations on the HPD Public Repository (<https://www.hpd-collaborative.org/hpd-public-repository-3/>)

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.
 - Standard (https://www.mpi.net/APL/APL_Environmental_Performance.asp#XG), which specifies compliance with Green Performance Standard (GPS-1-12 and GPS-2-12) requirements (https://www.mpi.net/assets/images/files/GPS-01_GPS-2.pdf) and the Collaborative for High Performance Schools emissions requirements.
 - X-Green certified products (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
 - Concrete
 - 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>).
 - Carpet: 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).
 - Concrete: Product Category Rule (https://d2evkimvhatqav.cloudfront.net/documents/pcr_concrete.pdf?mtime=20210903125351&focal=none)

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.usda.gov/wildflowers/pollinators/BMPs/documents/PollinatorFriendlyBMPsFederalLands05152015.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 Types:**
 - Buyer Bee-Ware guidelines
http://www.responsiblepurchasing.org/purchasing_guides/bee_friendly_purchasing/foe_rpn_bee_friendly_purchasing_guide.pdf
 - Cleaning products, programs, equipment, and supplies guidelines
<https://www.mass.gov/doc/fac118/download>
 - De-Icer guidelines
http://www.responsiblepurchasing.org/purchasing_guides/deicers/naspo_rpn_deicers_purchasing_guide.pdf
 - Disinfectant guidelines
http://www.responsiblepurchasing.org/purchasing_guides/cleaners/sfe_safer_products_and_practices_for_disinfecting_april2014.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
 - PFAS guidelines
<https://www.mass.gov/doc/pfas-free-buying-guide/download>
 - 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 RPN specifications.

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 Defense Products
 - Floor Care
 - Heating & Cooling Maintenance
 - Laundry Care Products
 - Odor Removers
 - Other
- **Compliance Determination:** Determine if documentation provided by contractor confirms via product label or U.S. Environmental Protection Agency’s product search page (<https://www.epa.gov/saferchoice/products>) indicating the product has the Safer Choice label.

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)
 - Food Service Ware (https://old.sustainablepurchasing.org/wp-content/uploads/2020/02/2020_Purchasing_Recommendations_Sustainable_FSW.pdf) This Food Service Ware Guide focuses on avoiding a class of chemicals known as PFAS
 - Office Supplies (<https://www.sustainablepurchasing.org/office-supplies>)
- **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 2777 Floor Cleaner (formerly EcoLogo 147)
Standard: <http://www.comm-2000.com/ProductDetail.aspx?UniqueKey=23607>
 - UL 2784 Hand Cleaner (formerly EcoLogo 104)
Standard: <http://www.comm-2000.com/ProductDetail.aspx?UniqueKey=23404>
 - UL 2792 Parts Wash Solution (formerly EcoLogo 110)
Standard: <http://www.comm-2000.com/PurchaseProduct.aspx?UniqueKey=31077>
 - UL 2795 Carpet Cleaner (formerly EcoLogo 148)
Standard: <http://www.comm-2000.com/ProductDetail.aspx?UniqueKey=24123>
 - 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
 - UL 2991 Absorbents
Standard: <https://www.shopulstandards.com/PurchaseProduct.aspx?UniqueKey=30748>

To access the standards:

Once at the URL indicated, click on “Checkout”

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

Select “Checkout” once again

Select “Download PDF” (red box)

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.

Select “Download Standard (red box)
Open standard as Adobe Acrobat (pdf) file

To access list of certified products: <https://spot.ul.com/main-app/products/catalog/>

- **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
 - 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 GPC website¹⁶ 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/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).

¹⁶ <https://sftool.gov/greenprocurement>

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.

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
 - 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. 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/>).

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
 - Heating & Cooling
 - Light Fixtures & Fans
 - Medical Equipment
 - 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/>
- Water-Efficient Landscaping
<https://www.energy.gov/eere/femp/best-management-practice-4-water-efficient-landscaping>
- **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 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>).

GSA – General Services Administration Low Embodied Carbon Concrete Standards

- **Covered Product Types:** Concrete mix of 10 cubic yards or more
- **Compliance Determination:** Determine if documentation provided by contractor or Environmental Product Declaration confirms the product meets the global warming potential limits depicted
(<https://www.gsa.gov/system/files/Low%20embodied%20carbon%20concrete%20SOW%20language-Sept%202022.pdf>).

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 Types:**
 - Fertilizer
 - Herbicide
- **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/>).

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-chairs>; www.daviesoffice.com; <https://www.re-form.com/remanufactured-furniture/> and <https://ofwllc.com/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

- **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 Using Environmental Chambers, Version 1.2-2017 (https://www.cdph.ca.gov/Programs/CCDCPHP/DEODC/EHLB/IAQ/CDPH%20Document%20Library/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

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.

- **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://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>)