

Recommendations of Specifications, Standards, and Ecolabels for Federal Purchasing

The [Recommendations of Specifications, Standards, and Ecolabels](#) ("Recommendations") help federal purchasers identify and procure environmentally preferable products and services. Federal purchasers are directed in [Executive Order 14057 on Catalyzing American Clean Energy Industries and Jobs through Federal Sustainability](#) and the [Federal Sustainability Plan](#) to procure products and services meeting the Recommendations to meet net-zero emissions and other procurement goals. The U.S. federal government is the single largest purchaser in the world spending more than \$650 billion on products and services each year and, in leading by example, has the power to catalyze a more sustainable marketplace for all - reducing climate impacts, improving the health of frontline communities, preventing pollution, and increasing U.S. industry competitiveness.

The Recommendations leverage private sector approaches to defining and measuring sustainability by including over 40 private sector standards/ecolabels in 30 purchase categories. The Recommendations give preference to multi-attribute/life-cycle based standards/ecolabels that address key impact areas (aka hotspots) and where product conformance is determined by a competent third-party certification body.

If you are a U.S. federal government employee who would like free access to one of the private sector standards or ecolabels recommended by EPA, please email the [EPP Program](#) (epp@epa.gov).

- [Frequent questions](#)
- [View the update history](#)

Before buying new, browse [GSAXcess](#) to find surplus and/or lightly used items.

Inclusion in the Recommendations is not an endorsement by EPA of the standards/ecolabels or of any of the products conformant to these standards/ecolabels, but rather a statement that the standard/ecolabel meets either EPA's [Framework](#) or is recommended for use by another Federal agency.

(Updated: March 28, 2022)

[How EPA's Recommended Standards and Ecolabels Address Per- and Polyfluoroalkyl Substances \(PFAS\).](#)

Note that the following Recommendations of Specifications, Standards, and Ecolabels are required to be used in federal procurement for both products and associated service contracts to the maximum extent practicable.



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Product Category: CAFETERIA

FOOD SERVICE WARE: Containers, Cutlery, Dishware

Recommended Private Sector Standard/Ecolabel

Agencies can use:

Biodegradable Products Institute certified compostable (provided composting available)²



[Access standard.](#)

[Find products.](#)

[Learn how this standard/ecolabel includes criteria to address PFAS.](#)

Federal Ecolabel Program

Agencies can use:



[BioPreferred® Program – USDA Certified Biobased](#)

Statutory Requirement

Products shall meet this statutory requirement:



[BioPreferred® Program – Federal Purchasing](#)

COMMERCIAL DISHWASHER DETERGENT

Recommended Private Sector Standards/Ecolabels

Agencies can use:

Green Seal™ 53 Standard for Specialty Cleaning Products for Industrial and Institutional Use²



[Access standard.](#)

[Find products.](#)

Ecologo/UL 2759 Standard for Hard Surface Cleaners²



[Access standard.](#)

[Find products.](#)

Federal Ecolabel Program

Agencies can use:



[Safer Choice](#)

Statutory Requirement

Products shall meet this statutory requirement:

FP

[BioPreferred® Program – Federal Purchasing](#)

Product Category: CONSTRUCTION

[Adhesives](#)

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[Fiberboard, Gypsum Panels, and Wallboard](#)

[Flooring](#)

[Insulation](#)

[Interior Latex Paint](#)

[Other Miscellaneous Building Finishes](#)

ADHESIVES

Recommended Private Sector Standards/Ecolabels

Agencies can use:

Cradle to Cradle Certified™ Product Standard¹



[Access standard.](#)

[Find products.](#)

[Learn how this standard/ecolabel includes criteria to address PFAS.](#)

SCS Indoor Advantage™ Gold¹



[Access standard.](#)

[Find products.](#)

UL 2818 GREENGUARD Certification Program For Chemical Emissions For Building Materials, Finishes And Furnishings¹



[Access standard.](#)

[Find products.](#)

Ecologo/UL 2762 Sustainability Standard for Adhesives²



[Access standard.](#)

[Find products.](#)

CRI Green Label Plus™ Program^{1*}



[Access standard.](#)

[Find products.](#)

To address Indoor Air Quality/VOC Emissions, EPA recommends products meet the California Department of Public Health (CDPH) Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, Version 1.2-2017 (the VOC emission testing method for California Specification 01350). EPA has confirmed that these certifications/ecolabels incorporate by reference CDPH v1.2-2017 (or equivalents) as either optional or required criteria. [There may be other certifiers/ecolabels that can provide demonstration of conformity to these criteria.](#)

Federal Ecolabel Programs

Agencies can use one or more of the following:



[BioPreferred® Program – USDA Certified Biobased](#)



[Significant New Alternatives Policy](#)

Statutory Requirement

Products shall meet this statutory requirement:

FP

[BioPreferred® Program – Federal Purchasing](#)

CARPET

Recommended Private Sector Standards/Ecolabels

1st Choice Private Sector Standards/Ecolabels: Multi-attribute with confirmed accredited or conforming certification body:

Cradle to Cradle Certified™ Product Standard^{1#}



[Access standard.](#)

[Find products.](#)

[Learn how this standard/ecolabel includes criteria to address PFAS.](#)

Good Environmental Choice Australia (GECA) Floor Coverings^{1*}



[Access standard.](#)

[Find products.](#)

GreenCircle Certified Environmental Facts for Flooring Products^{1*}



[Access standard.](#)

[Find products.](#)

NSF/ANSI 140 Sustainability Assessment for Carpet¹ AND the specification below.



[Access standard.](#)

[Find products.](#)

Please note that these recommendations do not currently consider the standards'/ecolabels'/certifications' effectiveness in addressing the potential environmental impacts of material harvesting and/or extraction.

If a product meeting a 1st Choice standard/ecolabel is not available, agencies can use one of these **multi-attribute** standards/ecolabels**:

Environmental Choice New Zealand EC-33-14 Synthetic Carpets^{1*}



[Access standard.](#)

[Find products.](#)

International Living Future Institute: Living Product Challenge^{SM1.0^{1*}#}



[Access standard.](#)

[Find products.](#)

[Learn how this standard/ecolabel includes criteria to address PFAS.](#)

Sustainable Materials Rating Technology (SMaRT)^{1 #} AND the specification below.



[Access standard.](#)

[Find products.](#)

[Learn how this standard/ecolabel includes criteria to address PFAS.](#)

**These are standards/ecolabels for which EPA has not been able to confirm that an accredited or conforming certification body is available ([more information in footnotes](#)).

If a product meeting one of the standards/ecolabels above is not available, agencies can use one *or more* of these **single-attribute** standards/ecolabels to address key hotspots:

Indoor Air Quality/VOC Emissions/Other Leadership Approaches to Chemicals:

International Living Future Institute: Declare ^{1*#}



[Access standard.](#)

[Find products.](#)

[Learn how this standard/ecolabel includes criteria to address PFAS.](#)

Indoor Air Quality/VOC Emissions:

CRI Green Label Plus™ Program ^{1*}



[Access standard.](#)

[Find products.](#)

SCS Indoor Advantage™ Gold ¹



[Access standard.](#)

[Find products.](#)

UL 2818 GREENGUARD Certification Program For Chemical Emissions For Building Materials, Finishes And Furnishings ¹



[Access standard.](#)

[Find products.](#)

Recycled Content:

Global Recycled Standard¹ AND the specification below



[Access standard.](#)

[Find products.](#)

Recommended Specification

Add this specification when using NSF/ANSI 140, SMaRT, or the Global Recycled Standard:

Products shall meet California Department of Public Health (CDPH) Standard Method for Testing and Evaluation of VOC (Volatile Organic Chemical) Emissions from Indoor Sources Using Environmental Chambers, Version 1.2-2017.

This VOC emission specification is necessary because this hotspot may not be addressed adequately for carpet meeting NSF/ANSI 140, SMaRT or the Global Recycled Standard.

Federal Ecolabel Program

Agencies can use:



[BioPreferred® Program – USDA Certified Biobased](#)

Statutory Requirements

Products shall meet these statutory requirements:

FP

[BioPreferred® Program – Federal Purchasing](#)

CPG

[Comprehensive Procurement Guidelines](#)

When BioPreferred and CPG are both required, the agency shall purchase the item that meets the CPG requirements (per FAR 23.405 Procedures (c) and Farm Security and Rural Investment Act, Section 9002 (b)).

CEILING TILES-ACOUSTICAL

Recommended Private Sector Standards/Ecolabels

Agencies can use:

Cradle to Cradle Certified™ Product Standard¹



[Access standard.](#)

[Find products.](#)

[Learn how this standard/ecolabel includes criteria to address PFAS.](#)

SCS Indoor Advantage™ Gold¹



[Access standard.](#)

[Find products.](#)

UL 2818 GREENGUARD Certification Program For Chemical Emissions For Building Materials, Finishes And Furnishings¹



[Access standard.](#)

[Find products.](#)

To address Indoor Air Quality/VOC Emissions, EPA recommends products meet the California Department of Public Health (CDPH) Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, Version 1.2-2017 (the VOC emission testing method for California Specification 01350). EPA has confirmed that these certifications/ecolabels incorporate by reference CDPH v1.2-2017 (or equivalents) as either optional or required criteria. [There may be other certifiers/ecolabels that can provide demonstration of conformity to these criteria.](#)

Federal Ecolabel Program

Agencies can use:



[BioPreferred® Program – USDA Certified Biobased](#)

Statutory Requirement

Products shall meet this statutory requirement:

FP

[BioPreferred® Program – Federal Purchasing](#)

FIBERBOARD, GYPSUM PANELS, AND WALLBOARD

Recommended Private Sector Standards/Ecolabels

Agencies can use:

Cradle to Cradle Certified™ Product Standard¹



[Access standard.](#)

[Find products.](#)

[Learn how this standard/ecolabel includes criteria to address PFAS.](#)

SCS Indoor Advantage™ Gold¹



[Access standard.](#)

[Find products.](#)

UL 2818 GREENGUARD Certification Program For Chemical Emissions For Building Materials, Finishes And Furnishings¹



[Access standard.](#)

[Find products.](#)

To address Indoor Air Quality/VOC Emissions, EPA recommends products meet the California Department of Public Health (CDPH) Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, Version 1.2-2017 (the VOC emission testing method for California Specification 01350). EPA has confirmed that these certifications/ecolabels incorporate by reference CDPH v1.2-2017 (or equivalents) as either optional or required criteria. [There may be other certifiers/ecolabels that can provide demonstration of conformity to these criteria.](#)

Federal Ecolabel Program

Agencies can use:



[BioPreferred® Program – USDA Certified Biobased](#)

Statutory Requirement

Products shall meet this statutory requirement:

FP [BioPreferred® Program – Federal Purchasing](#)

CPG [Comprehensive Procurement Guidelines](#)

FLOORING: Tile, Resilient, and Other Non-carpet

Recommended Private Sector Standards/Ecolabels

1st Choice Private Sector Standards/Ecolabels: Multi-attribute with confirmed accredited or conforming certification body:

Cradle to Cradle Certified™ Product Standard¹#



[Access standard.](#)

[Find products.](#)

[Learn how this standard/ecolabel includes criteria to address PFAS.](#)

Good Environmental Choice Australia (GECA) Floor Coverings¹*



[Access standard.](#)

[Find products.](#)

GreenCircle Certified Environmental Facts for Flooring Products¹*



[Access standard.](#)

[Find products.](#)

NSF/ANSI 332 Sustainability Assessment for Resilient Floor Coverings¹



[Access standard.](#)

[Find products.](#)

Tile Council of North America (TCNA): ANSI A138.1/ Green Squared¹



[Access standard.](#)

[Find products.](#)

If a product meeting a 1st Choice standard/ecolabel is not available, agencies can use one of these **multi-attribute** standards/ecolabels**:

International Living Future Institute: Living Product ChallengeSM1.0¹*#



[Access standard.](#)

[Find products.](#)

[Learn how this standard/ecolabel includes criteria to address PFAS.](#)

Sustainable Materials Rating Technology (SMaRT)¹ # AND the specification below.



[Access standard.](#)

[Find products.](#)

[Learn how this standard/ecolabel includes criteria to address PFAS.](#)

If a product meeting one of the standards/ecolabels above is not available, agencies can use one *or more* of these single-attribute standards/ecolabels to address key hotspots:

Indoor Air Quality/VOC Emissions/Other Leadership Approaches to Chemicals:

International Living Future Institute: Declare ¹ *#



[Access standard.](#)

[Find products.](#)

[Learn how this standard/ecolabel includes criteria to address PFAS.](#)

Indoor Air Quality/VOC Emissions:

FloorScore®¹



[Access standard.](#)

[Find products.](#)

SCS Indoor Advantage™ Gold¹



[Access standard.](#)

[Find products.](#)

UL 2818 GREENGUARD Certification Program For Chemical Emissions For Building Materials, Finishes And Furnishings¹



[Access standard.](#)

[Find products.](#)

Recycled Content:

Global Recycled Standard¹ AND the specification below



[Access standard.](#)

[Find products.](#)

Please note that these recommendations do not currently consider the standards' / ecolabels' / certifications' effectiveness in addressing the potential environmental impacts of material harvesting and/or extraction.

Recommended Specification

Add this specification when using SMaRT or the Global Recycled Standard:

Products shall meet California Department of Public Health (CDPH) Standard Method for Testing and Evaluation of VOC (Volatile Organic Chemical) Emissions from Indoor Sources Using Environmental Chambers, Version 1.2-2017.

This VOC emission specification is necessary because this hotspot may not be addressed adequately for flooring meeting SMaRT or the Global Recycled Standard.

Federal Ecolabel Program

Agencies can use:



[BioPreferred® Program – USDA Certified Biobased](#)

Statutory Requirements

Products shall meet these statutory requirements:

FP

[BioPreferred® Program – Federal Purchasing](#)

CPG

[Comprehensive Procurement Guidelines](#)

When BioPreferred and CPG are both required, the agency shall purchase the item that meets the CPG requirements (per FAR 23.405 Procedures (c) and Farm Security and Rural Investment Act, Section 9002 (b)).

INSULATION

Recommended Private Sector Standards/Ecolabels

Agencies can use:

Cradle to Cradle Certified™ Product Standard¹



[Access standard.](#)

[Find products.](#)

[Learn how this standard/ecolabel includes criteria to address PFAS.](#)

SCS Indoor Advantage™ Gold¹



[Access standard.](#)

[Find products.](#)

UL 2818 GREENGUARD Certification Program For Chemical Emissions For Building Materials, Finishes And Furnishings¹



[Access standard.](#)

[Find products.](#)

To address Indoor Air Quality/VOC Emissions, EPA recommends products meet the California Department of Public Health (CDPH) Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, Version 1.2-2017 (the VOC emission testing method for California Specification 01350). EPA has confirmed that these certifications/ecolabels incorporate by reference CDPH v1.2-2017 (or equivalents) as either optional or required criteria. [There may be other certifiers/ecolabels that can provide demonstration of conformity to these criteria.](#)

Federal Ecolabel Program

Agencies can use:



[BioPreferred® Program – USDA Certified Biobased](#)

Statutory Requirement

Products shall meet this statutory requirement:

CPG [Comprehensive Procurement Guidelines](#)



[ENERGY STAR®](#)

INTERIOR LATEX PAINT

Recommended Private Sector Standards/Ecolabels

1st Choice Private Sector Standards/Ecolabels: Multi-attribute with confirmed accredited or conforming certification body:

Cradle to Cradle Certified™ Product Standard¹



[Access standard.](#)

[Find products.](#)

[Learn how this standard/ecolabel includes criteria to address PFAS.](#)

Good Environmental Choice Australia (GECA) Paints & Coatings Ecolabel^{1*}



[Access standard.](#)

[Find products.](#)

GreenSeal™ 11 Standard for Paints, Coatings, Stains, and Sealers^{1*}



[Access standard.](#)

[Find products.](#)

GreenSeal 43 Standard for Recycled Content Latex Paints^{1*}



[Access standard.](#)

[Find products.](#)

Master Painters Institute (MPI®) Extreme Green™^{1*}



[Access standard.](#)

[Find products.](#)

Please note that these recommendations do not currently consider the standards'/ecolabels'/certifications' effectiveness in addressing the potential environmental impacts of material harvesting and/or extraction.

If a product meeting a 1st Choice standard/ecolabel is not available, agencies can use one of these **multi-attribute** standards/ecolabels**:

Environmental Choice New Zealand EC-07-18 Paints^{1*}



[Access standard.](#)

[Find products.](#)

International Living Future Institute: Living Product ChallengeSM 1.0^{1*}



[Access standard.](#)

[Find products.](#)

[Learn how this standard/ecolabel includes criteria to address PFAS.](#)

Sustainable Materials Rating Technology (SMaRT)¹



[Access standard.](#)

[Find products.](#)

[Learn how this standard/ecolabel includes criteria to address PFAS.](#)

**These are standards/ecolabels for which EPA has not been able to confirm that an accredited or conforming certification body is available ([more information](#)).

If a product meeting one of the standards/ecolabels above is not available, agencies can use one *or more* of these single-attribute standards/ecolabels to address key hotspots:

Indoor Air Quality/VOC Emissions/Other Leadership Approaches to Chemicals:

International Living Future Institute: Declare ¹ *

Declare. [Access standard.](#)

[Find products.](#)

[Learn how this standard/ecolabel includes criteria to address PFAS.](#)

Indoor Air Quality/VOC Emissions:

SCS Indoor Advantage™ Gold¹



[Access standard.](#)

[Find products.](#)

UL 2818 GREENGUARD Certification Program For Chemical Emissions For Building Materials, Finishes And Furnishings¹



[Access standard.](#)

[Find products.](#)

To address Indoor Air Quality/VOC Emissions, EPA recommends products meet the California Department of Public Health (CDPH) Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, Version 1.2-2017 (the VOC emission testing method for California Specification 01350). EPA has confirmed that these certifications/ecolabels incorporate by reference CDPH v1.2-2017 (or equivalents) as either optional or required criteria. [There may be other certifiers/ecolabels that can provide demonstration of conformity to these criteria.](#)

Federal Ecolabel Program

Agencies can use:



[BioPreferred® Program – USDA Certified Biobased](#)

Statutory Requirements

Products shall meet these statutory requirements:

FP

[BioPreferred® Program – Federal Purchasing](#)

CPG

[Comprehensive Procurement Guidelines](#)

When BioPreferred and CPG are both required, the agency shall purchase the item that meets the CPG requirements (per FAR 23.405 Procedures (c) and Farm Security and Rural Investment Act, Section 9002 (b)).

OTHER MISCELLANEOUS BUILDING FINISHES

Recommended Private Sector Standards/Ecolabels

1st Choice Private Sector Standards/Ecolabels: Multi-attribute with confirmed accredited or conforming certification body:

Cradle to Cradle Certified™ Product Standard¹#



[Access standard.](#)

[Find products.](#)

[Learn how this standard/ecolabel includes criteria to address PFAS.](#)

Please note that these recommendations do not currently consider the standards'/ecolabels'/certifications' effectiveness in addressing the potential environmental impacts of material harvesting and/or extraction.

If a product meeting a 1st Choice standard/ecolabel is not available, agencies can use one of these **multi-attribute** standards/ecolabels**:

International Living Future Institute: Living Product ChallengeSM1.0¹ - *#



[Access standard.](#)

[Find products.](#)

[Learn how this standard/ecolabel includes criteria to address PFAS.](#)

**These are standards/ecolabels for which EPA has not been able to confirm that an accredited or conforming certification body is available ([more information in footnotes](#)).

If a product meeting one of the standards/ecolabels above is not available, agencies can use one *or more* of these **single-attribute** standards/ecolabels to address key hotspots:

Indoor Air Quality/VOC Emissions/Other Leadership Approaches to Chemicals:

International Living Future Institute: Declare ^{1*#}



[Access standard.](#)

[Find products.](#)

[Learn how this standard/ecolabel includes criteria to address PFAS.](#)

Indoor Air Quality/VOC Emissions:

SCS Indoor Advantage™ Gold¹



[Access standard.](#)

[Find products.](#)

UL 2818 GREENGUARD Certification Program For Chemical Emissions For Building Materials, Finishes And Furnishings¹



[Access standard.](#)

[Find products.](#)

Federal Ecolabel Program

Agencies can use:



[BioPreferred® Program – USDA Certified Biobased](#)

Statutory Requirements

Products shall meet these statutory requirements:

FP [BioPreferred® Program – Federal Purchasing](#)

CPG [Comprehensive Procurement Guidelines](#)

When BioPreferred and CPG are both required, the agency shall purchase the item that meets the CPG requirements (per FAR 23.405 Procedures (c) and Farm Security and Rural Investment Act, Section 9002 (b)).

Product Category: CUSTODIAL

[Cleaners: Carpet, Glass, Multipurpose](#)

[Bathroom Tissue](#)

[Floor Care](#)

[Paper Towels](#)

[Hand Soap](#)

[Trash Bags](#)

CLEANERS: Carpet, Glass, and Multipurpose

Recommended Private Sector Standards/Ecolabels

Agencies can use:

Green Seal™ 37 Standard for Cleaning Products for Industrial and Institutional Use³



[Access standard.](#)

[Find products.](#)

Ecolgo/UL 2759 Standard for Hard Surface Cleaners³



[Access standard.](#)

[Find products.](#)

Ecologo/UL 2795 Standard for Sustainability for Carpet and Upholstery Care Products³



[Access standard.](#)

[Find products.](#)

Federal Ecolabel Programs

Agencies can use one or more of the following:



[BioPreferred® Program – USDA Certified Biobased](#)



[Safer Choice](#)

Statutory Requirement

Products shall meet this statutory requirement:

FP

[BioPreferred® Program – Federal Purchasing](#)

FLOOR CARE

Recommended Private Sector Standards/Ecolabels

Agencies can use:

Green Seal™ 40 Standard for Floor-Care Products for Industrial and Institutional Use²



[Access standard.](#)

[Find products.](#)

Ecologo/UL 2777 Standard for Sustainability for Hard Floor Care Products²



[Access standard.](#)

[Find products.](#)

[Learn how this standard/ecolabel includes criteria to address PFAS.](#)

Federal Ecolabel Programs

Agencies can use one or more of the following:



[BioPreferred® Program – USDA Certified Biobased](#)



[Safer Choice](#)

Statutory Requirement

Products shall meet this statutory requirement:

FP

[BioPreferred® Program – Federal Purchasing](#)

HAND SOAP

Recommended Private Sector Standards/Ecolabels

Agencies can use:

Green Seal™ 41 Standard for Hand Cleaners for Industrial and Institutional Use³



[Access standard.](#)

[Find products.](#)

Ecologo/UL 2784 Standard for Hand Cleaners³



[Access standard.](#)

[Find products.](#)

Federal Ecolabel Programs

Agencies can use one or more of the following:



[BioPreferred® Program – USDA Certified Biobased](#)



[Safer Choice](#)

Statutory Requirement

Products shall meet this statutory requirement:

FP

[BioPreferred® Program – Federal Purchasing](#)

BATHROOM TISSUE

Recommended Private Sector Standards/Ecolabels

Agencies can use:

Green Seal™ 01 Standard for Sanitary Paper Products³



[Access standard.](#)

[Find products.](#)

Ecologo/UL 175 Standard for Sustainability for Sanitary Paper Products³



[Access standard.](#)

[Find products.](#)

Federal Ecolabel Program

Agencies can use:



[BioPreferred® Program – USDA Certified Biobased](#)

Statutory Requirement

Products shall meet this statutory requirement:

CPG [Comprehensive Procurement Guidelines](#)

PAPER TOWELS

Recommended Private Sector Standards/Ecolabels

Agencies can use:

Green Seal™ 01 Standard for Sanitary Paper Products³



[Access standard.](#)

[Find products.](#)

Ecologo/UL 175 Standard for Sustainability for Sanitary Paper Products³



[Access standard.](#)

[Find products.](#)

Federal Ecolabel Program

Agencies can use:



[BioPreferred® Program – USDA Certified Biobased](#)

Statutory Requirement

Products shall meet this statutory requirement:

CPG [Comprehensive Procurement Guidelines](#)

TRASH BAGS

Recommended Private Sector Standards/Ecolabels

Agencies can use:

Ecologo/UL 126 Standard for Sustainability for Plastic Film Products³



[Access standard.](#)

[Find products.](#)

Biodegradable Products Institute certified compostable (provided composting available)²



[Access standard.](#)

[Find products.](#)

[Learn how this standard/ecolabel includes criteria to address PFAS.](#)

Requires 25% post-consumer recycled content for packaging and 20-25% for plastic film products.

Federal Ecolabel Program

Agencies can use:



[BioPreferred® Program – USDA Certified Biobased](#)

Statutory Requirements

Products shall meet these statutory requirements:

FP

[BioPreferred® Program – Federal Purchasing](#)

CPG

[Comprehensive Procurement Guidelines](#)

When BioPreferred and CPG are both required, the agency shall purchase the item that meets the CPG requirements (per FAR 23.405 Procedures (c) and Farm Security and Rural Investment Act, Section 9002 (b)).

Product Category: ELECTRONICS

[Computers](#)

[Electronics Recycling Services](#)

[Imaging Equipment](#)

[Mobile Phones](#)

[Servers](#)

[Televisions](#)

COMPUTERS: Desktops, Notebooks (including 2-in-1 notebooks), Displays, Integrated Desktop Computers, Workstation Desktops, Thin Clients, and Slates/Tablets

Recommended Private Sector Standards/Ecolabel

Agencies can use:

EPEAT Registered (highest rating available)²



[Access standard.](#)

[Find products.](#)

Statutory Requirements

Products shall meet these statutory requirements:



[ENERGY STAR®](#)



[Federal Energy Management Program](#)

ELECTRONICS RECYCLING SERVICES

Recommended Private Sector Standards/Ecolabels

Agencies can use:

Responsible Recycling (R2) Standard²



[Access standard.](#)

[Find products.](#)

e-Stewards Standard for Responsible Recycling and Reuse of Electronic Equipment²



[Access standard.](#)

[Find products.](#)

Statutory Requirement

N/A

IMAGING EQUIPMENT: Printers, Copiers, Multi-Function Devices, Scanners, Fax Machines, Digital Duplicators, Mailing Machines

Recommended Private Sector Standards/Ecolabel

Agencies can use:

EPEAT Registered (highest rating available)²



[Access standard.](#)

[Find products.](#)

Statutory Requirement

Products shall meet this statutory requirement:



[ENERGY STAR®](#)

MOBILE PHONES

Recommended Private Sector Standards/Ecolabel

Agencies can use:

EPEAT Registered (highest rating available)²



[Access standard.](#)

[Find products.](#)

Statutory Requirement

N/A

SERVERS

Recommended Private Sector Standards/Ecolabel

Agencies can use:

EPEAT Registered (highest rating available)²



[Access standard.](#)

[Find products.](#)

Statutory Requirement

Products shall meet this statutory requirement:



[ENERGY STAR®](#)

TELEVISIONS

Recommended Private Sector Standards/Ecolabel

Agencies can use:

EPEAT Registered (highest rating available)²



[Access standard.](#)

[Find products.](#)

Statutory Requirement

Products shall meet this statutory requirement:



[ENERGY STAR®](#)

Product Category: GROUNDS/LANDSCAPING DEICER

Recommended Private Sector Standards/Ecolabel

Agencies can use:

Clear Roads Qualified Products²



[Access standard.](#)

[Find products.](#)

Federal Ecolabel Programs

Agencies can use:



[BioPreferred® Program – USDA Certified Biobased](#)



[Safer Choice](#)

Statutory Requirement

Products shall meet this statutory requirement:

FP

[BioPreferred® Program – Federal Purchasing](#)

Product Category: MACHINE SHOP OPERATIONS PARTS WASH SOLUTION

Recommended Private Sector Standards/Ecolabels

Agencies can use:

Green Seal™ 34 Standard for Cleaning Products and Degreasing Agents²



[Access standard.](#)

[Find products.](#)

Ecologo/UL 2792 Standard for Cleaning and Degreasing Compounds: Biologically-based²



[Access standard.](#)

[Find products.](#)

Federal Ecolabel Programs

Agencies can use:



[BioPreferred® Program – USDA Certified Biobased](#)



[Safer Choice](#)

Statutory Requirement

Products shall meet this statutory requirement:

FP

[BioPreferred® Program – Federal Purchasing](#)

Product Category: OFFICE/FURNITURE COPY PAPER

Recommended Private Sector Standards/Ecolabels

Agencies can use:

Ecologo/UL 2771 Standard for Sustainable Paper Products²



[Access standard.](#)

[Find products.](#)

Green Seal™ 07 Standard for Printing and Writing Paper²



[Access standard.](#)

[Find products.](#)

Federal Ecolabel Program

Agencies can use:



[BioPreferred® Program – USDA Certified Biobased](#)

Statutory Requirement

Products shall meet this statutory requirement:

CPG [Comprehensive Procurement Guidelines](#)

FURNITURE

Recommended Private Sector Standards/Ecolabels

1st Choice Private Sector Standards/Ecolabels: Multi-attribute with confirmed accredited or conforming certification body:

ANSI/BIFMA e-3 Furniture Sustainability Standard – level® certified¹ AND specification 1 & 2 below



[Access standard.](#)

[Find products.](#)

[Learn how this standard/ecolabel includes criteria to address PFAS.](#)

Cradle to Cradle Certified™ Product Standard^{1#} AND specification 1 (unless certified Gold or Platinum) & 2 below



[Access standard.](#)

[Find products.](#)

[Learn how this standard/ecolabel includes criteria to address PFAS.](#)

Good Environmental Choice Australia (GECA) Furniture, Fittings, and Foam^{1*} AND specification 2 below



[Access standard.](#)

[Find products.](#)

TÜV Rheinland® Green Product Mark¹ AND specification 2 below



[Access standard.](#)

[Find products.](#)

[Learn how this standard/ecolabel includes criteria to address PFAS.](#)

Please note that these recommendations do not currently consider the standards'/ecolabels'/certifications' effectiveness in addressing the potential environmental impacts of material harvesting and/or extraction.

If a product meeting a 1st Choice standard/ecolabel is not available, agencies can use one of these **multi-attribute** standards/ecolabels**:

International Living Future Institute: Living Product Challenge^{SM1.0^{1-*}#}AND specification 2 below



[Access standard.](#)

[Find products.](#)

[Learn how this standard/ecolabel includes criteria to address PFAS.](#)

Sustainable Furnishings Council Exemplary^{1-*}# AND specification 1 & 2 below



[Access standard.](#)

[Find products.](#)

Sustainable Materials Rating Technology (SMaRT)^{1-*}# AND specification 1 & 2 below



[Access standard.](#)

[Find products.](#)

[Learn how this standard/ecolabel includes criteria to address PFAS.](#)

**These are standards/ecolabels for which EPA has not been able to confirm that an accredited or conforming certification body is available ([more information in footnotes](#)).

If a product meeting one of the standards/ecolabels above is not available, agencies can use one *or more* of these **single-attribute** standards/ecolabels to address key hotspots:

Indoor Air Quality/VOC Emissions/Other Leadership Approaches to Chemicals:

International Living Future Institute: Declare^{1-*}# AND specification 2 below



[Access standard.](#)

[Find products.](#)

[Learn how this standard/ecolabel includes criteria to address PFAS.](#)

Indoor Air Quality/VOC Emissions:

SCS Indoor Advantage™ Gold for Furniture¹ AND specification 1 & 2 below



[Access standard.](#)

[Find products.](#)

UL 2818 GREENGUARD Certification Program For Chemical Emissions For Building Materials, Finishes And Furnishings¹ AND specification 2 below



[Access standard.](#)

[Find products.](#)

Recycled Content:

Global Recycled Standard¹ AND specification 1 & 2 below



[Access standard.](#)

[Find products.](#)

Textiles:

Association for Contract Textiles NSF/ANSI 336: Sustainability Assessment for Commercial Furnishings Fabric¹ AND specification 1 & 2 below



[Access standard.](#)

[Find products \(UL SPOT\).](#)

[Learn how this standard/ecolabel includes criteria to address PFAS.](#)

EPA did not specifically solicit textile standards/ecolabels for the pilot. There could be others that are interested in being assessed per the Guidelines and considered for EPA's Recommendations in the future.

Recommended Specifications

1) **Add** this specification when using the ANSI/BIFMA e-3, Cradle to Cradle (unless certified Gold or Platinum), Sustainable Furnishings Council Exemplary, SMaRT, SCS, Global Recycled

Standard, and NSF/ANSI 336: Products shall meet the emissions requirements of [BIFMA e3 criterion 7.6.2](#), or equivalent.

This VOC emission specification is necessary because this hotspot may not be addressed adequately for furniture meeting ANSI/BIFMA e-3, Cradle to Cradle, Sustainable Furnishings Council Exemplary, SMaRT, SCS, Global Recycled Standard, and NSF/ANSI 336.

2) **Add** this specification when using any of the private sector standards/ ecolabels listed above: Upholstered products shall meet Technical Bulletin 117-2013 (California’s furniture flammability standard) and must comply with the labeling requirements California Senate Bill 1019, which was passed on September 30, 2014, and requires a label indicating whether the product contains or does not contain added Flame Retardants.

Applicable to ALL private sector standards/ecolabels listed above because Hazardous Flame Retardants are not addressed.

Federal Ecolabel Program

Agencies can use:



[BioPreferred® Program – USDA Certified Biobased](#)

Statutory Requirement

Products shall meet this statutory requirement:

CPG

[Comprehensive Procurement Guidelines](#)

Footnotes

1 Recommendation based on EPA's assessment per the [2016 Pilot Guidelines](#). For more information on the Pilot and the assessment results, please [visit the Background section, Assessment Summaries for Carpet, Interior Latex Paints, Flooring, and Furniture](#) are available for more detailed information.

2 Recommendation based on DOE's Office of Sustainable Environmental Stewardship analysis. For further information on this voluntary program, see: [DOE's Green Buy Awards Program, Priority Products List](#)

3 Recommendation based on GSA's Public Buildings Service analysis. For further information, see: [GSA's Key Sustainable Products Initiative](#)

* This standard does not meet baseline criteria in Section I of EPA's Guidelines, which contains the requirements necessary to demonstrate that a standard is a Voluntary Consensus Standard (VCS). Section 12(d) of The National Technology Transfer and Advancement Act (NTTAA, PL 103-114) calls federal agencies to use Voluntary Consensus Standards (VCS) in lieu of government-unique standards in their procurement and regulatory activities, except where inconsistent with law or otherwise impractical. [Section 5\(e\) of the Office of Management and Budget Circular A-119 \(OMB A-119\)](#) further outlines factors that individual agencies should evaluate when determining whether to use standards, on a case by case basis. This includes the extent to which the standards development process reflected the attributes of a VCS body. [Federal agency representatives can contact their agency's Standards Executive for assistance in determining whether this standard should be considered for use by the agency.](#)

** These certification programs do not meet baseline criteria in Section III of EPA's guidelines, which contains the requirements necessary to demonstrate that a conformity assessment body is competent to assess conformance with the standard and follows general good practice specific to conformity assessment for environmental performance standards. An alternative method to demonstrate that a conformity assessment body is competent to assess conformance to this standard is proof of accreditation by an accreditation body that is a signatory to the International Accreditation Forum Multilateral Recognition Arrangement (IAF MLA) for a scope including ISO/IEC 17065 and this applicable standard. Guidance on Federal Conformity Assessment (15 CFR Part 287) directs federal agencies to identify appropriate private sector conformity assessment practices and programs (including third-party certification) and consider the results of such practices and/or programs as appropriate in procurement activities. The Guidance stresses that responsibility for the determination of appropriateness rests with each agency. [Federal agency representatives can contact their agency's Standards Executive for assistance in determining whether this standard should be considered for use by the agency.](#)

This standard is not applicable to vinyl floor covering or vinyl furniture/upholstery.