
USACE / NAVFAC / AFCEC / NASA UFGS-01 62 35 (May 2013)
Change 1 - 08/13

Preparing Activity: USACE Superseding
UFGS-00 62 35 (July 2006)

UNIFIED FACILITIES GUIDE SPECIFICATIONS

References are in agreement with UMRL dated July 2014

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SECTION 01 62 35

RECYCLED/RECOVERED/BIOBASED MATERIALS

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NOTE: This guide specification covers the requirements for use of products containing recycled or recovered materials. Include a properly edited version of this guide specification in every design-bid-build and design-build project. EPA recycled content requirements must be addressed in all projects regardless of optional LEED/other recycled content goals.

Adhere to UFC 1-300-02 Unified Facilities Guide Specifications (UFGS) Format Standard when editing this guide specification or preparing new project specification sections. Edit this guide specification for project specific requirements by adding, deleting, or revising text. For bracketed items, choose applicable items(s) or insert appropriate information.

Remove information and requirements not required in respective project, whether or not brackets are present.

Comments, suggestions and recommended changes for this guide specification are welcome and should be submitted as a Criteria Change Request (CCR).

PART 1 GENERAL

NOTE: This section is part of the implementation of RCRA of 1976 as amended (42 USC 6901) which requires that EPA designated items be used to the maximum extent practicable.

One of the requirements of 40 CFR 247 is that agencies promote the use of products containing recycled materials. Parts of this guide

specification are only promotional in nature in that they recommend or encourage, in lieu of requiring, the Contractor to use products containing recycled materials. Therefore, consideration should be given to using a properly edited version of this guide specification in every project.

The detailed requirements regarding use of products containing recycled materials are contained in other technical sections of the specifications. Additional information is available at URL:

<http://www.epa.gov/cpg/products.htm>

In addition, Executive Order 13514 requires that 95 percent of contract purchases are energy efficient (ENERGY STAR® or FEMP-designated), water efficient, bio-based, environmentally preferable (Electronic Product Environmental Assessment Tool (EPEAT) certified), non-ozone depleting, contain recycled content, or are non-toxic or less-toxic alternatives where such products and services meet agency performance requirements.

1.1 REFERENCES

NOTE: This paragraph is used to list the publications cited in the text of the guide specification. The publications are referred to in the text by basic designation only and listed in this paragraph by organization, designation, date, and title.

Use the Reference Wizard's Check Reference feature when you add a RID outside of the Section's Reference Article to automatically place the reference in the Reference Article. Also use the Reference Wizard's Check Reference feature to update the issue dates.

References not used in the text will automatically be deleted from this section of the project specification when you choose to reconcile references in the publish print process.

The publications listed below form a part of this specification to the extent referenced. The publications are referred to within the text by the basic designation only.

U.S. NATIONAL ARCHIVES AND RECORDS ADMINISTRATION (NARA)

40 CFR 247

Comprehensive Procurement Guideline for Products Containing Recovered Materials

48 CFR 23

Environment, Energy and Water Efficiency, Renewable Energy Technologies,

Occupational Safety, and Drug-Free
Workplace

1.2 OBJECTIVES

NOTE: The Affirmative Procurement Program for EPA
designated items requires promotion of agency policy
for preference to purchase products containing
recovered materials.

Government procurement policy is to acquire, in a cost effective manner, items containing the highest percentage of recycled, recovered and biobased materials practicable consistent with maintaining a satisfactory level of competition without adversely affecting performance requirements or exposing suppliers' employees to undue hazards from the recovered materials. The Environmental Protection Agency (EPA) and the United States Department of Agriculture (USDA) has designated certain items which must contain a specified percent range of recovered or recycled materials. EPA and USDA designated products specified in this contract comply with the stated policy and with the EPA and USDA guidelines. Make all reasonable efforts to use recycled, recovered and biobased materials in providing the EPA and USDA designated products and in otherwise utilizing recycled, recovered and biobased materials in the execution of the work.

1.3 SUBMITTALS

NOTE: Review submittal description (SD) definitions
in Section 01 33 00 SUBMITTAL PROCEDURES and edit
the following list to reflect only the submittals
required for the project.

The Guide Specification technical editors have designated those items that require Government approval, due to their complexity or criticality, with a "G." Generally, other submittal items can be reviewed by the Contractor's Quality Control System. Only add a "G" to an item, if the submittal is sufficiently important or complex in context of the project.

For submittals requiring Government approval on Army projects, a code of up to three characters within the submittal tags may be used following the "G" designation to indicate the approving authority. Codes for Army projects using the Resident Management System (RMS) are: "AE" for Architect-Engineer; "DO" for District Office (Engineering Division or other organization in the District Office); "AO" for Area Office; "RO" for Resident Office; and "PO" for Project Office. Codes following the "G" typically are not used for Navy, Air Force, and NASA projects.

Choose the first bracketed item for Navy, Air Force and NASA projects, or choose the second bracketed item for Army projects.

Government approval is required for submittals with a "G" designation; submittals not having a "G" designation are for [Contractor Quality Control approval.] [information only. When used, a designation following the "G" designation identifies the office that will review the submittal for the Government.] Submit the following in accordance with Section 01 33 00 SUBMITTAL PROCEDURES:

SD-01 Preconstruction Submittals

Biobased Products[; G][; G, [_____]]

1.4 DESIGNATED ITEMS INCORPORATED IN THE WORK

NOTE: It is the responsibility of the designer to be aware of current EPA requirements and to determine the suitability of an EPA designated item in the work. Level of competition, delivery time, performance requirements, and price should all be considered in making the determination.

Various sections of the specifications contain requirements for materials that have been designated by EPA and USDA as being products which are or can be made with recovered or recycled, recovered and biobased materials. These items, when incorporated into the work under this contract, shall contain at least the specified percentage of recycled or recovered materials or biobased unless adequate justification (non-availability) for non-use is provided. When a designated item is specified as an option to a non-designated item, the designated item requirements apply only if the designated item is used in the work.

1.5 PROPOSED ITEMS INCORPORATED IN THE WORK

NOTE: EPA encourages expansion of preference programs beyond the EPA designated items in order to maximize purchases of recycled products and foster additional markets for recovered materials.

Products other than those designated by EPA and USDA are still being researched and are being considered for future Comprehensive Procurement Guideline (CPG) and USDA's Federal Procurement Preferences (FPP) designations. It is recommended that these items, when incorporated in the work under this contract, contain the highest practicable percentage of recycled, recovered and biobased materials, provided specified requirements are also met.

1.6 LISTED ITEMS USED IN CONDUCT OF THE WORK BUT NOT INCORPORATED IN THE WORK

NOTE: This paragraph is to encourage the Contractor to use recycled or recovered materials in daily administrative operations.

Many products listed in 40 CFR 247 and 48 CFR 23 have been designated or proposed by EPA and USDA to include recycled, recovered and biobased materials that may be used by the Contractor in performing the work but will not be incorporated into the work. These products include office products, temporary traffic control products, and pallets. It is recommended that these non-construction products, when used in the conduct of the work, contain the highest practicable percentage of recycled, recovered and biobased materials and that these products be recycled when no longer needed.

1.7 BIOPREFERRED FPP

Utilize products and material made from biobased materials to the maximum extent possible without jeopardizing the intended end use or detracting from the overall quality delivered to the end user. All supplies and materials shall be of a type and quality that conform to applicable specifications and standards.

Biobased products that are designated for preferred procurement under USDA's BioPreferred program must meet the required minimum biobased content. Refer to <http://www.biopREFERRED.gov/ProductCategories.aspx> for the product categories and <http://www.biopREFERRED.gov/bioPreferredCatalog/faces/jsp/catalogLanding.jsp> for the BioPreferred Catalog. Submit data for the biobased products to include biobased content and source of biobased material; indicating the name of the manufacturer, cost of each material, and the intended use of each of the materials that are to be used in carrying out the requirements of the contract.

PART 2 PRODUCTS

Not Used

PART 3 EXECUTION

Not Used

-- End of Section --