

## SECTION 01 67 00 PRODUCT REQUIREMENTS

### PART 1 GENERAL

#### 1.1 SUMMARY

- A. Section includes administrative and procedural requirements for selection of products for use in Project; product delivery, storage, and handling; manufacturers' standard warranties on products; special warranties; and environmental requirements.

#### 1.2 DEFINITIONS

- A. Definitions Pertaining to Sustainable Development: As defined in ASTM E2114.
- B. Biobased Materials: As defined in Farm Security and Rural Investment Act, for purposes of federal procurement of biobased products, "biobased" means a "commercial or industrial product (other than food or feed) composed, in whole or in significant part, of biological products or renewable domestic agricultural materials (including plant, animal, and marine materials) or forestry materials." Biobased materials also include fuels, chemicals, building materials, or electric power or heat produced from biomass as defined by The Biomass Research and Development Act of 2000.
  - 1. Biobased Content: Amount of biobased carbon in material or product as a percentage of weight (mass) of total organic carbon in material or product.
- C. Chain-of-Custody: Process whereby a product or material is maintained under physical possession or control during its entire life cycle.
- D. Environmentally Preferable Products: Products and services with lesser or reduced effect on the environment in comparison to conventional products and services. Refer to Environmental Protection Agency's (EPA) Final Guidance on [Environmentally Preferable Purchasing](#) for more information.
- E. Products: Items purchased for incorporating into Work, whether purchased for Project or taken from previously purchased stock. The term "product" includes "material," "equipment," "system," and terms of similar intent.
  - 1. Named Products: Items identified by manufacturer's product name, including make or model number or other designation shown or listed in manufacturer's published product literature, current as of date of Contract Documents.
  - 2. New Products: Items that have not previously been incorporated into another project or facility. Products salvaged or recycled from other projects are not considered new products.

3. Comparable Product: Product demonstrated and approved through submittal process, or where indicated as a product substitution, to have indicated qualities related to type, function, dimension, in-service performance, physical properties, appearance, and other characteristics that equal or exceed those of specified product.
- F. Stewardship: Responsible use and management of resources in support of sustainability.
- G. Sustainability: Maintenance of ecosystem components and functions for future generations.
  1. Recycled Content Materials: Products containing pre-consumer or post-consumer materials as all or part of their feedstock. Recycled content claim shall be consistent with International Organization for Standardization (ISO) 140001 Standard for the Use of Environmental Marketing Claims.
  2. Rapidly Renewable Material: Material made from plants typically harvested within a 10-year cycle.
  3. Regional Materials: Materials manufactured and extracted, harvested, or recovered within a radius of 500 miles from Project location.

### 1.3 ENVIRONMENTAL REQUIREMENTS

- A. Altitude: Provide materials and equipment suitable for installation and operation under rated conditions at 6,606 feet above sea level.
- B. Temperature Range: Where different service conditions are specified in individual sections, the more stringent requirement shall take precedence. Provide equipment and devices installed capable of continuous operation within the temperature ranges below:
  1. Outdoor Locations:
    - a. Temperature Range: Minus 1.1 degrees to 95 degrees F.
    - b. Relative Humidity Range: 5 percent to 85 percent.
    - c. Exposure to direct sunlight.
  2. Indoor Location Unconditioned Spaces:
    - a. Temperature Range: 0 degree F to 120 degrees F.
    - b. Relative Humidity Range: 10 percent to 100 percent.
  3. Indoor Location Conditioned Spaces:
    - a. Temperature Range: 50 degrees F to 85 degrees F.
    - b. Relative Humidity Range: 10 percent to 70 percent.

## 1.4 SUBMITTALS

### A. Record Submittals as specified in Section 01 77 00, Closeout Procedures, submit:

1. Affirmative Procurement Reporting Form. Submit on form attached as a supplement of this section, or similar form as approved by Contracting Officer (CO).
2. Submit environmental data in accordance with Table 1 of ASTM E2129 for these products:
  - a. Masonry.
  - b. Finish carpentry.
  - c. Plastic fabrications.
  - d. Building insulation.
  - e. Roofing.
  - f. Joint sealers.
  - g. Windows.
  - h. Gypsum board.
  - i. Tile.
  - j. Acoustical ceilings.
  - k. Resilient flooring.
  - l. Paints and coatings.
  - m. Office equipment.
  - n. Furnishings and accessories.
  - o. Plumbing fixtures and equipment.
  - p. HVAC equipment.
  - q. Lighting equipment.
3. Safety Data Sheets (SDS):
  - a. For each product required by OSHA to have a SDS, submit an SDS. SDS shall be prepared within the previous 5 years. Include information for SDS Sections 1 to 16 in accordance with ANSI Z400.1 and as follows:
    - 1) Section 1: Chemical Product and Company Identification.
    - 2) Section 2: Composition/Information on Ingredients.
    - 3) Section 3: Hazards Identification.
    - 4) Section 4: First Aid Measures.
    - 5) Section 5: Fire Fighting Measures.
    - 6) Section 6: Accidental Release Measures.
    - 7) Section 7: Handling and Storage.
    - 8) Section 8: Exposure Controls/Person Protection.
    - 9) Section 9: Physical and Chemical Properties.
    - 10) Section 10: Stability and Reactivity Data.
    - 11) Section 11: Toxicological Information. Include data used to determine the hazards cited in Section 3. Identify acute data,

carcinogenicity, reproductive effects, and target organ effects. Provide written description of the process used in evaluating chemical hazards relative to preparation of SDS.

- 12) Section 12: Ecological Information. Include data regarding environmental impacts during raw materials acquisition, manufacture, and use. Include data regarding environmental impacts in event of accidental release.
- 13) Section 13: Disposal Considerations. Include data regarding proper disposal of the chemical. Include information regarding recycling and reuse. Indicate whether or not product is considered to be “hazardous waste” according to United States EPA Hazardous Waste Regulations 40 CFR 261 (Code of Federal Regulations).
- 14) Section 14: Transportation Information. Identify hazard class for shipping.
- 15) Section 15: Regulatory Information. Identify federal, state, and local regulations applicable to the material.
- 16) Section 16: Other Information. Include additional information relative to recycled content, biobased content, and other information regarding environmental and health impacts. Identify the date SDS was prepared.

#### 4. Chain of Custody:

- a. Submit chain-of-custody documentation for sustainable forestry for these products:
  - 1) Rough carpentry.
  - 2) Furnishings and accessories.

### 1.5 QUALITY ASSURANCE

- A. Compatibility of Options: If Contractor is given option of selecting between two or more products for use on Project, product selected shall be compatible with products previously selected, even if previously selected products were also options.

### 1.6 PREPARATION FOR SHIPMENT

- A. When practical, factory assemble products. Mark or tag separate parts and assemblies to facilitate field assembly. Cover machined and unpainted parts that may be damaged by the elements with strippable protective coating.
- B. Package products to facilitate handling and protect from damage during shipping, handling, and storage. Mark or tag outside of each package or crate to indicate its purchase order number, bill of lading number, contents by name, name of Project and Contractor, equipment number, and approximate weight. Include complete packing list and bill of materials with each shipment.

C. Extra Materials, Special Tools, Test Equipment, and Expendables:

1. Furnish as required by individual specifications.
2. Schedule:
  - a. Ensure that shipment and delivery occurs concurrent with shipment of associated equipment.
  - b. Transfer to Government shall occur immediately subsequent to Contractor's acceptance of equipment from Supplier.
3. Packaging and Shipment:
  - a. Package and ship extra materials and special tools to avoid damage during long-term storage in original cartons insofar as possible, or in appropriately sized, hinged-cover, wood, plastic, or metal box.
  - b. Prominently displayed on each package, the following:
    - 1) Manufacturer's part nomenclature and number, consistent with Operation and Maintenance Manual identification system.
    - 2) Applicable equipment description.
    - 3) Quantity of parts in package.
    - 4) Equipment manufacturer.
4. Deliver materials to Site.
5. Contact Contracting Officer upon arrival for transfer of materials.

D. Replace extra materials and special tools found to be damaged or otherwise inoperable at time of transfer to Government.

E. Request a minimum 7-day advance notice of shipment from manufacturer. Upon receipt of manufacturer's advance notice of shipment, promptly notify Contracting Officer of anticipated date and place of arrival.

F. Factory Test Results: Reviewed and accepted by Contracting Officer before product shipment as required in individual specification sections.

1.7 PRODUCT DELIVERY, STORAGE, AND HANDLING

A. Deliver, store, and handle products using means and methods that prevent damage, deterioration, and loss, including theft. Comply with manufacturer's written instructions.

B. Delivery and Handling:

1. Schedule delivery to minimize long-term storage at Project Site and prevent overcrowding of construction spaces.

2. Coordinate delivery with installation time to ensure minimum holding time for items that are flammable, hazardous, easily damaged, or sensitive to deterioration, theft, and other losses.
3. Deliver products to Project Site in undamaged condition; in manufacturer's original sealed container or other packaging system; complete with labels and instructions for handling, storing, unpacking, protecting, and installing.
4. Inspect products on delivery to ensure compliance with Contract Documents. Ensure products are undamaged and properly protected.
5. Obtain materials in biodegradable or recyclable/reusable packaging which uses minimum amount of packaging possible.

C. Storage:

1. Allow for inspection and measurement of quantity or counting of units.
2. Store materials in manner to not endanger Project structure.
3. Store products subject to damage by the elements, under cover in weather tight enclosure above ground, with ventilation adequate to prevent condensation.
4. Store cementitious products and materials on elevated platforms.
5. Store foam plastic from exposure to sunlight, except to extent necessary for period of installation and concealment.
6. Comply with product manufacturer's written instructions for temperature, humidity, ventilation, and weather-protection requirements for storage.
7. Protect stored products from damage and liquids from freezing.
8. Store loose granular materials in well-drained area on solid surfaces to prevent mixing with foreign matter.
9. Store electrical, instrumentation, and control products, and equipment with bearings in weather-tight structures maintained above 60 degrees F. Protect electrical, instrumentation, and control products, and insulate against moisture, water, and dust damage. Connect and operate continuously space heaters furnished in electrical equipment.

D. Hazardous Materials: Prevent contamination of personnel, storage area, and Site. Meet requirements of product specification, codes, and manufacturer's instructions.

## 1.8 PACKAGING

- A. Where Contractor has option to provide one of listed products or equal, preference shall be given to products with minimal packaging and easily recyclable packaging as defined in ASTM D5834.
- B. Maximize use of source reduction and recycling procedures outlined in ASTM D5834.
- C. Provide minimum 45 percent post-consumer recycled content and minimum 100 percent recovered fiber content of industrial paperboard in accordance with EPA's Comprehensive Procurement Guidelines and ASTM D5663.

- D. Provide minimum 10 percent post-consumer recycled content and minimum 10 percent recovered fiber content of carrier board in accordance with EPA's Comprehensive Procurement Guidelines and ASTM D5663.
- E. Provide minimum 5 percent post-consumer recycled content and minimum 5 percent recovered fiber content of brown papers (e.g., wrapping papers and bags) in accordance with EPA's Comprehensive Procurement Guidelines and ASTM D5663.

#### 1.9 ENVIRONMENTALLY PREFERABLE PRODUCTS

- A. Provide environmentally preferable products to greatest extent possible.
  - 1. To greatest extent possible, provide products and materials with a lesser or reduced effect on the environment considering raw materials acquisition, production, manufacturing, packaging, distribution, reuse, operation, maintenance, and/or disposal of the product.
  - 2. Eliminate use of ozone depleting compounds during and after construction where alternative environmentally preferable products are available, consistent with either Montreal Protocol and Title VI or Clean Air Act Amendments of 1990, or equivalent overall air quality benefits that take into account life cycle impacts.
  - 3. Use products meeting or exceeding EPA's recycled content recommendations for EPA-designated products. Use materials with recycled content such that the sum of post-consumer recycled content plus one-half of the pre-consumer content constitutes at least 20 percent (based on cost) of total value of the materials in Project.

#### 1.10 PRODUCT WARRANTIES

- A. Warranties specified in other sections shall be in addition to, and run concurrent with, other warranties required by Contract Documents. Manufacturer's disclaimers and limitations on product warranties do not relieve Contractor of obligations under requirements of Contract Documents.
  - 1. Manufacturer's Warranty: Preprinted written warranty published by individual manufacturer for product specifically endorsed by manufacturer to Government.
  - 2. Special Warranty: Written warranty required by or incorporated into Contract Documents, either to extend time limit provided by manufacturer's warranty or to provide more rights for Government.
- B. Special Warranties: Prepare written document containing appropriate terms and identification, ready for execution. Submit draft for approval before final execution.
  - 1. Manufacturer's Standard Form: Modified to include Project-specific information and properly executed.

2. Specified Form: When specified forms are included with the Specifications, prepare written document using appropriate form properly executed.
  3. Refer to Division 02 through Division 49 sections for specific content requirements and particular requirements for submitting special warranties.
- C. Submittal Time: Comply with requirements in Section 01 77 00, Closeout Procedures.

## **PART 2 PRODUCTS**

### **2.1 GENERAL**

- A. Provide manufacturer's standard materials suitable for service conditions, unless otherwise specified in the individual specifications.
- B. Like items of products furnished and installed in the Work shall be end products of one manufacturer and of the same series or family of models to achieve standardization for appearance, operation and maintenance, spare parts and replacement, manufacturer's services, and implement same or similar process instrumentation and control functions in same or similar manner.
- C. Equipment, Components, Systems, and Subsystems: Design and manufacture with due regard for health and safety of operation, maintenance, and accessibility, durability of parts, and shall comply with applicable OSHA, state, and local health and safety regulations.
- D. Safety Guards: Provide for all belt or chain drives, fan blades, couplings, or other moving or rotary parts. Cover rotating part on all sides. Design for easy installation and removal. Use 16-gauge or heavier; galvanized steel, aluminum coated steel, or galvanized or aluminum coated 1/2-inch mesh expanded steel. Provide galvanized steel accessories and supports, including bolts. For outdoor application, prevent entrance of rain and dripping water.
- E. Equipment Finish:
  1. Provide manufacturer's standard finish and color, except where specific color is indicated.
  2. If manufacturer has no standard color, provide equipment with gray finish as approved by Contracting Officer.
- F. Special Tools and Accessories: Furnish to Government, upon acceptance of equipment, all accessories required to place each item of equipment in full operation. These accessory items include, but are not limited to, adequate oil and grease (as required for first lubrication of equipment after field testing), light bulbs, fuses, hydrant wrenches, valve keys, handwheels, chain operators, special tools, and other spare parts as required for maintenance.

- G. Lubricant: Provide initial lubricant recommended by equipment manufacturer in sufficient quantity to fill lubricant reservoirs and to replace consumption during testing, startup, and operation until final acceptance by Contracting Officer.
- H. Component and Materials in Contact with Water for Human Consumption: Comply with the requirements of the Safe Drinking Water Act and other applicable federal, state, and local requirements. Provide certification by manufacturer or an accredited certification organization recognized by the Authority Having Jurisdiction that components and materials comply with the maximum lead content standard in accordance with NDF/ANSI 61 and NSF/ANSI 372.

## 2.2 PRODUCT SELECTION PROCEDURES

- A. General Product Requirements: Provide products to comply with Contract Documents, undamaged and, unless otherwise indicated, new at time of installation.
  - 1. Provide products complete with accessories, trim, finish, fasteners, and other items needed for a complete installation and indicated use and effect.
  - 2. Standard Products: If available, and unless custom products or nonstandard options are specified, provide standard products of types produced and used successfully in similar situations on other projects.
  - 3. Government reserves right to limit selection to products with warranties not in conflict with requirements of Contract Documents.
  - 4. Where products are accompanied by term “as selected,” Contracting Officer will make selection.
  - 5. Where products are accompanied by term “match sample,” sample to be matched is Governments.
  - 6. Descriptive, performance, and reference standard requirements in the Specifications establish “salient characteristics” of products.
- B. Product Selection Procedures:
  - 1. Product: Where the Specifications name single product and manufacturer, provide named product that complies with requirements or approved equal.
  - 2. Manufacturer/Source: Where the Specifications name single manufacturer or source, provide product by named manufacturer or source that complies with requirements or approved equal.
  - 3. Products: Provide manufacturer’s standard materials suitable for service conditions, unless otherwise specified in the individual specifications.
  - 4. Manufacturers: Where the Specifications include list of manufacturers’ names, provide a product by one of the manufacturers listed that complies with requirements or approved equal.
  - 5. Manufacturers: Provide interchangeable components of the same manufacturer, for similar components, unless otherwise specified.

6. Available Products: Where the Specifications include list of names of both products and manufacturers, provide one of the products listed, or an unnamed product, that complies with requirements. Comply with provisions in Part 2 Article Comparable Products for consideration of an unnamed product.
7. Available Manufacturers: Where the Specifications include list of manufacturers, provide a product by one of the manufacturers listed, or an unnamed manufacturer, that complies with requirements. Comply with provisions in Part 2 Article Comparable Products for consideration of an unnamed product.
8. Product Options: Where the Specifications indicate sizes, profiles, and dimensional requirements on the Drawings are based on a specific product or system, provide specified product, system, or approved equal.
9. Visual Matching Specification: Where the Specifications require matching an established Sample, select product that complies with requirements and matches Contracting Officer's sample. Contracting Officers decision will be final on whether a proposed product matches.
  - a. If no product available within specified category matches and complies with other specified requirements, submit a product substitution request for proposal of product.
10. Visual Selection Specification: Where the Specifications include phrase "as selected from manufacturer's colors, patterns, textures" or a similar phrase, select a product that complies with other specified requirements.
  - a. Standard Range: Where the Specifications include phrase "standard range of colors, patterns, textures" or similar phrase, Contracting Officer will select color, pattern, density, or texture from manufacturer's product line that does not include premium items.
  - b. Full Range: Where the Specifications include phrase "full range of colors, patterns, textures" or similar phrase, Contracting Officer will select color, pattern, density, or texture from manufacturer's product line that includes both standard and premium items.
11. Do not use materials and equipment removed from existing premises, except as specifically permitted by Contract Documents.

## 2.3 COMPARABLE PRODUCTS

### A. Conditions:

1. Contracting Officer will consider Contractor's request for comparable product when the following conditions are satisfied. If following conditions are not

satisfied, Contracting Officer will return requests without action, except to record noncompliance with these requirements:

- a. Evidence proposed product does not require revisions to Contract Documents, that it is consistent with Contract Documents and will produce indicated results and is compatible with other portions of Work.
- b. Detailed comparison of significant qualities of proposed product with those named in the Specifications. Significant qualities include attributes such as performance, weight, size, durability, visual effect, and specific features and requirements indicated.
- c. Evidence proposed product provides specified warranty.
- d. List of similar installations for completed projects with project names and addresses and names and addresses of architects and owners, if requested.
- e. Samples, if requested.

### **PART 3 EXECUTION**

#### **3.1 INSPECTION**

- A. Inspect materials and equipment for signs of pitting, rust decay, or other deleterious effects of storage. Do not install material or equipment showing such affects. Remove damaged material or equipment from the Site and expedite delivery of identical new material or equipment. Delays to the Work resulting from material or equipment damage that necessitates procurement of new products will be considered delays within Contractor's control.

#### **3.2 INSTALLATION**

- A. Equipment shimming between machines surfaces is allowed.
- B. Repaint painted surfaces that are damages prior to equipment acceptance.
- C. Do not cut or notch any structural member or building surface without specific approval of Contracting Officer.
- D. Handle, install, connect, clean, condition, and adjust products in accordance with manufacturer's instructions, and as may be specified. Retain a copy of manufacturer's instruction at Site, available for review at all times.

#### **3.3 PROTECTION AFTER INSTALLATION**

- A. Provide adequate coverings as necessary to protect installed materials from damage resulting from natural elements, traffic, and subsequent construction. Remove when no longer needed.

### 3.4 ADJUSTMENT AND CLEANING

- A. Perform required adjustments, tests, operation checks, and other startup activities.

### 3.5 LUBRICANTS

- A. Fill lubricant reservoirs and replace consumption during testing, startup, and operation prior to acceptance of equipment by Contracting Officer.

### 3.6 MANUFACTURER'S CERTIFICATE OF PROPER INSTALLATION

- A. When so specified, a Manufacturer's Certificate of Proper Installation form, a copy of which is attached to this section, shall be completed and signed by equipment manufacturer's representative.
- B. Such form shall certify that the signing party is a duly authorized representative of the manufacturer, is empowered by the manufacturer to inspect, approve, and operate their equipment and is authorized to make recommendations required to assure that the equipment is complete and operational.

### 3.7 MANUFACTURER'S CERTIFICATE OF COMPLIANCE

- A. When so specified, a Manufacturer's Certificate of Compliance, a copy of which is attached to this section, shall be completed in full, signed by entity supplying the product, material, or service, and submitted prior to shipment of product or material or execution of services.
- B. Contracting Officer may permit use of certain materials or assemblies prior to sampling and testing if accompanied by accepted certificate or compliance.
- C. Such form shall certify proposed product, material, or service complies with that specified. Attach supporting reference data, affidavits, and certifications as appropriate.
- D. May reflect recent or previous test results on material or product, if acceptable to Contracting Officer.

### 3.8 SUPPLEMENTS

- A. The supplements listed below, following "End of Section," are a part of this specification:
  - 1. Affirmative Procurement Reporting Form.
  - 2. Manufacturer's Certificate of Proper Installation Form.
  - 3. Manufacturer's Certificate of Compliance Form.

### **END OF SECTION**

**AFFIRMATIVE PROCUREMENT REPORTING FORM**  
**Recycled Content Materials & Biobased Content Materials**

Project Name: \_\_\_\_\_

Project Number: \_\_\_\_\_

Contractor Name: \_\_\_\_\_

License Number: \_\_\_\_\_

Contractor Address: \_\_\_\_\_

| <b>Product</b>                                                                  | <b>Total \$<br/>value<br/>provided</b> | <b>Total \$ value<br/>with<br/>recycled<br/>content<br/>Pre-<br/>consumer</b> | <b>Total \$ value<br/>with recycled<br/>content<br/>Post-<br/>consumer</b> | <b>Total \$<br/>value with<br/>biobased<br/>content</b> | <b>Exempted<br/>indicate<br/>1,2,3,4</b> | <b>Comments</b> |
|---------------------------------------------------------------------------------|----------------------------------------|-------------------------------------------------------------------------------|----------------------------------------------------------------------------|---------------------------------------------------------|------------------------------------------|-----------------|
| Hydraulic Mulch<br>(paper based)                                                |                                        |                                                                               |                                                                            |                                                         |                                          |                 |
| Hydraulic Mulch<br>(wood based)                                                 |                                        |                                                                               |                                                                            |                                                         |                                          |                 |
| Compost                                                                         |                                        |                                                                               |                                                                            |                                                         |                                          |                 |
| Parking Stops<br>(Concrete w/ fly ash,<br>slag cement or low<br>cement content) |                                        |                                                                               |                                                                            |                                                         |                                          |                 |
| Parking Stops<br>(Plastic/Rubber)                                               |                                        |                                                                               |                                                                            |                                                         |                                          |                 |
| Patio Blocks/Rubber                                                             |                                        |                                                                               |                                                                            |                                                         |                                          |                 |
| Patio Blocks/Plastic                                                            |                                        |                                                                               |                                                                            |                                                         |                                          |                 |
| Concrete with fly ash                                                           |                                        |                                                                               |                                                                            |                                                         |                                          |                 |
| Concrete with slag<br>cement                                                    |                                        |                                                                               |                                                                            |                                                         |                                          |                 |
| Concrete with low<br>cement content                                             |                                        |                                                                               |                                                                            |                                                         |                                          |                 |
| Building Insulation                                                             |                                        |                                                                               |                                                                            |                                                         |                                          |                 |
| Rock Wool                                                                       |                                        |                                                                               |                                                                            |                                                         |                                          |                 |
| Fiber glass                                                                     |                                        |                                                                               |                                                                            |                                                         |                                          |                 |
| Cellulose                                                                       |                                        |                                                                               |                                                                            |                                                         |                                          |                 |
| Perlite Comp Board                                                              |                                        |                                                                               |                                                                            |                                                         |                                          |                 |
| Plastic Rigid Foam                                                              |                                        |                                                                               |                                                                            |                                                         |                                          |                 |
| Glass Fiber<br>Reinforced Foam                                                  |                                        |                                                                               |                                                                            |                                                         |                                          |                 |
| Phenolic Rigid Foam                                                             |                                        |                                                                               |                                                                            |                                                         |                                          |                 |
| Ceramic tile                                                                    |                                        |                                                                               |                                                                            |                                                         |                                          |                 |
| Resilient flooring                                                              |                                        |                                                                               |                                                                            |                                                         |                                          |                 |
| Floor Tiles/Rubber                                                              |                                        |                                                                               |                                                                            |                                                         |                                          |                 |
| Floor Tiles/Plastic                                                             |                                        |                                                                               |                                                                            |                                                         |                                          |                 |
| Running Tracks                                                                  |                                        |                                                                               |                                                                            |                                                         |                                          |                 |
| Carpet (PET)                                                                    |                                        |                                                                               |                                                                            |                                                         |                                          |                 |
| Paint                                                                           |                                        |                                                                               |                                                                            |                                                         |                                          |                 |
| Reprocessed Latex<br>Paint White & Light<br>Colors                              |                                        |                                                                               |                                                                            |                                                         |                                          |                 |

| <b>Product</b>                                    | <b>Total \$<br/>value<br/>provided</b> | <b>Total \$ value<br/>with<br/>recycled<br/>content<br/>Pre-<br/>consumer</b> | <b>Total \$ value<br/>with recycled<br/>content<br/>Post-<br/>consumer</b> | <b>Total \$<br/>value with<br/>biobased<br/>content</b> | <b>Exempted<br/>indicate<br/>1,2,3,4</b> | <b>Comments</b> |
|---------------------------------------------------|----------------------------------------|-------------------------------------------------------------------------------|----------------------------------------------------------------------------|---------------------------------------------------------|------------------------------------------|-----------------|
| Reprocessed Latex<br>Dark Colors                  |                                        |                                                                               |                                                                            |                                                         |                                          |                 |
| Consolidated Latex<br>Paint                       |                                        |                                                                               |                                                                            |                                                         |                                          |                 |
| Toilet/Shower<br>partitions (plastic or<br>steel) |                                        |                                                                               |                                                                            |                                                         |                                          |                 |
| Other                                             |                                        |                                                                               |                                                                            |                                                         |                                          |                 |
|                                                   |                                        |                                                                               |                                                                            |                                                         |                                          |                 |
|                                                   |                                        |                                                                               |                                                                            |                                                         |                                          |                 |

#### **CERTIFICATION**

I hereby certify the information provided herein is accurate and that the requisition/procurement of all materials listed on this form comply with current EPA standards for recycled/recovered materials content.

The following exemptions may apply to the non-procurement of recycled/recovered content materials:

1. The product does not meet appropriate performance standards.
2. The product is not available within a reasonable time frame.
3. The product is not available competitively (from two or more sources).
4. The product is only available at an unreasonable price (compared with a comparable non-recycled content product.)

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

END OF  
AFFIRMATIVE PROCUREMENT REPORTING FORM  
Recycled Content Materials & Biobased Content Materials

## MANUFACTURER'S CERTIFICATE OF PROPER INSTALLATION

OWNER \_\_\_\_\_ EQPT SERIAL NO: \_\_\_\_\_

EQPT TAG NO: \_\_\_\_\_ EQPT/SYSTEM: \_\_\_\_\_

PROJECT NO: \_\_\_\_\_ SPEC. SECTION: \_\_\_\_\_

I hereby certify that the above-referenced equipment/system has been:

(Check Applicable)

- ☐ Installed in accordance with Manufacturer's recommendations.
- ☐ Inspected, checked, and adjusted.
- ☐ Serviced with proper initial lubricants.
- ☐ Electrical and mechanical connections meet quality and safety standards.
- ☐ All applicable safety equipment has been properly installed.
- ☐ Functional tests.
- ☐ System has been performance tested, and meets or exceeds specified performance requirements. (When complete system of one manufacturer)

Note: Attach any performance test documentation from manufacturer.

Comments: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

I, the undersigned Manufacturer's Representative, hereby certify that I am (i) a duly authorized representative of the manufacturer, (ii) empowered by the manufacturer to inspect, approve, and operate their equipment and (iii) authorized to make recommendations required to ensure equipment furnished by the manufacturer is complete and operational, except as may be otherwise indicated herein. I further certify that all information contained herein is true and accurate.

Date: \_\_\_\_\_, 20\_\_\_\_

Manufacturer: \_\_\_\_\_

By Manufacturer's Authorized Representative: \_\_\_\_\_

(Authorized Signature)



## MANUFACTURER'S CERTIFICATE OF COMPLIANCE

OWNER: \_\_\_\_\_ PRODUCT, MATERIAL, OR SERVICE  
SUBMITTED: \_\_\_\_\_  
PROJECT NAME: \_\_\_\_\_  
PROJECT NO: \_\_\_\_\_

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

I hereby certify that the above-referenced product, material, or service called for by the Contract for the named Project will be furnished in accordance with all applicable requirements. I further certify that the product, material, or service are of the quality specified and conform in all respects with the Contract requirements, and are in the quantity shown.

Date of Execution: \_\_\_\_\_, 20\_\_\_\_

Manufacturer: \_\_\_\_\_

Manufacturer's Authorized Representative (*print*): \_\_\_\_\_

\_\_\_\_\_  
(Authorized Signature)

