



U.S. Department
of Transportation
**Federal Aviation
Administration**

FAA 5100-136, Buy American Project/Product Content Percentage Calculation – Worksheet

Paperwork Reduction Act Burden Statement

A federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with a collection of information subject to the requirements of the Paperwork Reduction Act unless that collection of information displays a currently valid OMB Control Number. The OMB Control Number for this information collection is 2120-0569. Public reporting for this collection of information is estimated to be approximately 8 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, completing and reviewing the collection of information. All responses to this collection of information are required under 49 U.S.C. Section 47105 to retain a benefit and to meet the reporting requirements of 2 CFR 200. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to: Information Collection Clearance Officer, Federal Aviation Administration, 10101 Hillwood Parkway, Fort Worth, TX 76177-1524.

Instructions for FAA 5100-136, Buy American Project/Product Content Percentage Calculation – Worksheet

General Instructions/Information

This form is intended for use by applicants (manufacturers, contractors, suppliers) for an FAA Buy American Preference waiver of the requirements of section 70914 of the Build America, Buy America (BABA) Act included in the Infrastructure Investment and Jobs Act (IIJA) (Pub. L. No. 117-58). This form and the Final Assembly Questionnaire (FAA form 137) must be submitted together for all waiver requests. Complete the below sections.

Applicant Information Section

Enter applicant and point-of-contact information.

Project/Product Information Section (The Final Project)

Enter summary information about the specific FAA eligible project for which this waiver is requested, including the calculated costs and percentage information from the project material structure worksheet.

FAA Buy American Requirements & Build America Buy America Compliance Section

This section is for Type I, II or IV waiver requests only. Enter summary cost and percentage information about the presence of non-domestic portions of reinforcement iron, structural steel, or other singular “construction materials” that consist primarily of non-ferrous metals; plastic and polymer-based products (including polyvinylchloride, composite building materials, and polymers used in fiber optic cables); glass (including optic glass); lumber; or drywall which are not combined with any of other materials through a manufacturing process.

Use of Non-Domestic Construction Materials Justification Section

This section is for Type I, II or IV waiver requests only. Enter a description of your good faith efforts made to locate and secure domestic materials that are not 100% domestically produced in the United States, including the use of the Supplier Scouting by the Manufacturing Extension Partnership (MEP) or market research. This information is required for any non-U.S. portions of structural steel and or reinforcement iron.

Project Material Structure Worksheet Section

This section is for all waiver requests. Enter onto the worksheet the final project and manufactured component/subcomponent items, prices, and total costs, excluding labor and retail markup through level 2 only. Eligible and non-excluded materials below level two should be included with its associated component or subcomponent. Price multiplied by quantity equals costs.

For additional information on how to complete this form, contact the FAA regional or airport district office associated with the airport worksite, or for assistance for other waivers, contact FAA headquarters via the AIP Buy American Preference Requirements webpage.

Level - Enter material level 0, 1, or 2. Level 0 is the final product, Level 1 is a component, and Level 2 is a sub-component. The FAA uses a two-level component structure that identifies the component and subcomponent levels of a project.

- **Components** are described as the last material/item that completes the final project. For example, in building projects, the structural steel used to frame the building are components, along with windows, elevators, electrical, plumbing, roofing, etc.
- **Subcomponents** are the next to last material/item that either completes a related component or is composed of other smaller/minor sub-materials/items. For example, an engine is a component of a vehicle. The spark plugs, belts, and screws are minor items

whose cost is included within the engine cost. Indicates the final project as level 0, components as level 1, and subcomponents as level 2. Materials beyond these levels may be included within levels 1 or 2.

Applicants may provide more information that is necessary for the FAA to understand the composition and material cost of the project.

Material Reference Number - Enter a reference number used to track the item.

Project Components/Subcomponents - Enter a concise but clear description of the item.

Quantity (QTY) - Enter the quantity of the item described in the product/project.

Unit of Measure - Enter the unit of measure used for the item. Examples: Each, Ton, or Sq. Ft. Avoid using lump sum or lot as a unit of measure. Estimates are sufficient.

Non-U.S. Material Cost/ Unit of Measure - Enter the cost per unit of measure of the project/component/subcomponent total cost of material sourced from outside the U.S.

Total Non-U.S. Material Cost - The sum of the Total Non-U.S. project/component/subcomponent cost without final labor costs and retail markup.

Country of Non-U.S. Materials - Enter at minimum an abbreviation of a non-U.S. country from which the majority of non-U.S. material is sourced. **We recommend using two-letter International Standards Organization (ISO) Country Codes.** Search for a *country* at:
<https://www.iso.org/obp/ui/#home>.

U.S. Material Cost per Unit of Measure - The cost per unit of measure of the project/component/subcomponent total cost of materials sourced from within the U.S.

Total U.S. Material Cost - The sum of the Total U.S. project component and subcomponent costs without final labor costs and retail markup.

Total Material Cost - The sum of the Total U.S. and non-U.S. project component and subcomponent costs without final labor costs and retail markup

Example A – Completed Material Structure Worksheet

The Project Material Structure Worksheet that immediately follows is a template of how project information is entered. In this illustration, the final project, and each component/subcomponent's cost, excluding labor and retail mark-up, are listed. The total cost of materials, excluding labor and retail mark-up is \$690,000 (\$535,000 of U.S. costs and \$155,000 non-U.S. costs). The cost of subcomponents beyond level 2 are included in its parent subcomponent or component.

The sum of each component/subcomponent is equal to the amounts in the final project. Ineligible or excluded materials should be omitted. Project components/subcomponents may vary by specifications, and project.

Level (0, 1, 2)	Material Reference Number	Project Components and (or) Subcomponents	Qty	Unit of Measure	Non-U.S. Material Cost per Unit of Measure	Total Non- U.S. Material Cost	Country of Non-U.S. Material	U.S. Material Cost per Unit of Measure	Total U.S. Material Cost	Total Material Cost
0	Ref #	[Enter the FAA Project]	1	Total Project	\$72,500	\$155,000	[Non-U.S. Country codes]	\$325,000	\$535,000	\$690,000
1	Ref #	Manufactured Component	4	Ton	\$27,500	\$110,000	[Non-U.S. Country code]	\$70,000	\$280,000	\$390,000
1	Ref #	Manufactured Component	1	Each	\$0	\$0	Not Applicable	\$100,000	\$100,000	\$100,000
1	Ref #	Manufactured Component	1	Each	\$0	\$0	Not Applicable	\$25,000	\$25,000	\$25,000
1	Ref #	Manufactured Component	1	Sq. Ft.	\$40,000	\$40,000	[Non-U.S. Country code]	\$60,000	\$60,000	\$100,000
2	Ref #	Manufactured Subcomponent	1	Each	\$5,000	\$5,000	[Non-U.S. Country code]	\$20,000	\$20,000	\$25,000
1	Ref #	Manufactured Component	1	Each	\$0	\$0	Not Applicable	\$50,000	\$50,000	\$50,000



Buy American Project/Product Content Percentage Calculation – Worksheet

Applicant Information

Date of Application:

Applicant Name:

Applicant Type (choose one):

Prime Contractor

Manufacturer

Supplier

Point of Contact (First and Last Name):

Applicant Business Address:

Email address:

Telephone:

Extension:

Project/Product Information

FAA Eligible Project:

Airport Sponsor:

Airport LOCID:

FAA Award Number:

FAA Certified Equipment Number:

FAA Advisory Circular:

Total Material Cost:

Total **U.S.** Material Content Cost:

Percentage: %

Total **Non-U.S.** Material Content Cost:

Percentage: %

FAA Buy American Requirements and Build America Buy America Compliance

Does this project include any iron, steel, or any of the following construction materials, not 100% produced in the United States?

Yes No.

If “Yes,” indicate the cost and percentage of the project below.

Steel (e.g., structural steel, rebar)	Cost:	Percentage:	%
Iron	Cost:	Percentage:	%
Non-ferrous metals	Cost:	Percentage:	%
Plastic and polymer-based products	Cost:	Percentage:	%
Glass (including optic glass)	Cost:	Percentage:	%
Lumber	Cost:	Percentage:	%
Drywall	Cost:	Percentage:	%

Use of Non-Domestic Construction Materials Justification

Provide a description of your efforts to locate and secure a domestic source for those “construction materials” or final manufactured goods that are not 100% produced in the U.S., including use of the Manufacturing Extension Partnership (MEP) and market research.

Project Material Structure Worksheet

Level (0, 1, 2)	Material Reference Number	Project Components and (or) Subcomponents	Qty	Unit of Measure	Non-U.S. Material Cost per Unit of Measure	Total Non- U.S. Material Cost	Country of Non-U.S. Material	U.S. Material Cost per Unit of Measure	Total U.S. Material Cost	Total Material Cost
0			1	Total Project						

Level (0, 1, 2)	Material Reference Number	Project Components and (or) Subcomponents	Qty	Unit of Measure	Non-U.S. Material Cost per Unit of Measure	Total Non- U.S. Material Cost	Country of Non-U.S. Material	U.S. Material Cost per Unit of Measure	Total U.S. Material Cost	Total Material Cost

Level (0, 1, 2)	Material Reference Number	Project Components and (or) Subcomponents	Qty	Unit of Measure	Non-U.S. Material Cost per Unit of Measure	Total Non- U.S. Material Cost	Country of Non-U.S. Material	U.S. Material Cost per Unit of Measure	Total U.S. Material Cost	Total Material Cost

Level (0, 1, 2)	Material Reference Number	Project Components and (or) Subcomponents	Qty	Unit of Measure	Non-U.S. Material Cost per Unit of Measure	Total Non- U.S. Material Cost	Country of Non-U.S. Material	U.S. Material Cost per Unit of Measure	Total U.S. Material Cost	Total Material Cost

Certification

The undersigned certifies that this information is true and accurate to the best of their knowledge. A false certification represents a violation of 18 U.S.C § 1001 and 49 U.S.C § 47126. Signatory has the burden of proof to establish compliance.

Signature: _____

Date: _____

Name (Print): _____

Title: _____

FOR FAA USE ONLY

(Check the appropriate Waiver Type and Scope check boxes below)

Applicable FAA Waiver Type

Type I Public Interest (HQ Only)

Type II Nonavailability (HQ Only)

Type III More than 60% and Final Assembly within the U.S.

Type IV Unreasonable Cost (Requires MEP/requires HQ coordination)

BABA Iron, Steel, or Construction Material (requires justification) (Apply BABA Flag)

Applicable FAA Waiver Scope

Project Specific

Nationwide – (General Applicability) (For HQ Only)

Justifications

Manufacturing Extension Partnership (MEP) Coordinated

FAA Official's Signature:

End of FAA Use Only Section