Build America Buy America(BABA) in 2024

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BABA Material Classification Guide

Oregon Department of Transportation

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CLASSIFICATIONS DEFINITIONS

BABA does not apply to temporary items. The BABA preference only applies to articles, materials, and supplies that are consumed in,

incorporated into, or affixed to an infrastructure project.

BABA excludes asphalt products, cement and cementitious products, aggregates, or concrete additives.

Iron or Steel Products Articles, materials, or supplies that wholly or predominantly of iron or steel or a combination of both. Buy America requirements apply to any steel or iron component of a manufactured product regardless of the overall composition of the manufactured product (e.g., Buy America applies to the steel wire mesh or steel reinforcing components of a precast reinforced concrete pipe). Requires ODOT form No.

734-2126.

Construction Material Construction materials means articles, materials, or supplies that consist of only one of the items listed in paragraph (1) of this definition, except as provided in paragraph (2) of this definition. To the extent one of the items listed in paragraph (1) contains as inputs other items listed in paragraph (1), it is nonetheless a construction material. Requires ODOT Form No. 734-5378.

> (1) Non-ferrous metals, plastic and polymer-based products, glass, fiber optic cable, lumber, engineered wood, drywall

(2) Minor additions of articles, materials, supplies, or binding agents to a construction material do not change the categorization of the construction

material.

(MP)

Manufactured Product Articles, materials, or supplies that have been processed into a specific form or shape or combined with other articles, materials, or supplies to create a product with different properties than the individual articles, materials, or supplies. Currently, manufactured

products fall under the 1983 FHWA waiver and do not need a Certificate of Materials Origin.

QUALIFIED PRODUCTS LIST

If the material is listed on the QPL, the classification of the material can be found on the QPL listing for the specific product submitted.

MATERIAL CLASSIFICATION

Material codes and descriptions are referenced from AASHTOWare Reference Data. For some materials, there are multiple listings, as each subtype has a different material classification. Refer to notes, Material Classification descriptions, and QPL if applicable, to identify classification of the specific proposed

What has changed

- Implementation of the new Build America Buy America requirements will be focused on the use of Construction materials which are non-ferrous metals, plastic and polymer-based products, glass, fiber optic cable, lumber, engineered wood, drywall.
- Note: Minor additions of articles, materials, supplies, or binding agents to a construction material do not change the categorization of the construction material. (Coatings and Glue) effective for contracts with federal construction authorization after October 23,2023.



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What has changed

- Specific items that Build America Buy America does apply to
 - Lumber- Treated or Glued
 - Glass beads- Coating
 - PVC items- With or Without rubber gaskets
 - Galvanic Zinc Anodes
 - Engineered Wood structural composite lumber and cross-laminated timber. * Not a complete listing of Construction Materials see the Material Classification Guide for additional information.



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Implementation

- Build America Buy America does allow for de minimis amount of foreign construction material incorporated in projects
- The allowances for foreign iron or steel from Buy America still remains the same
- There will be two forms that are required (depending on the type of material)
 - Form 734-2126 Certificate of Materials Origin
 - Form 734-5378 Construction Materials CMO



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De minimis allowance

The USDOT issued a Public Interest Waiver for De Minimis Costs and Small Grants. The final waiver can be viewed here:

https://www.federalregister.gov/documents/2023/08/16/2023-17602/waiver-of-buy-america-requirements-for-de-minimis-costs-and-small-grants and this waiver applies to materials covered by the Build America Buy America Act effective for contracts with federal construction authorization after August 16, 2023.



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De minimis allowance

In order to apply the BABA de minimis amount on a project with assistance of \$500K or more, the lesser of \$1M or 5%, we will need to determine the "Total applicable project costs" for that Project.



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De minimis allowance

Assuming a \$10 million paving project with over \$500K in federal assistance. The paving materials themselves, asphalt and aggregate don't count. We look at estimated material costs for things like pavement markings, delineation, and perhaps some minor signs or drainage and all those material costs for materials under BABA or Buy America add up to \$100,000 "Total applicable project costs", then the waiver would allow up to \$5,000 (5%) of the construction materials under BABA to be unknown or foreign.



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De minimis allowance

Assuming a \$10 million bridge project with over \$500K in federal assistance. The concrete and paving materials themselves, Portland cement, asphalt and aggregate don't count. We look at estimated material costs for things like reinforcement steel, bearings, bridge rail, piling, pavement markings, delineation, and perhaps some minor signs or drainage and all those material costs for materials under BABA or Buy America add up to \$1 million "Total applicable project costs", then the waiver would allow up to \$50,000 (5%) of the construction materials under BABA to be unknown or foreign.

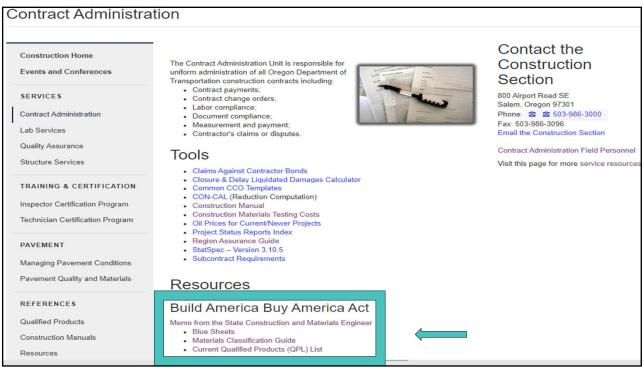


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CERTIFICATE OF MATERIALS ORIGIN		of Transportation Certificate of I	Ion Material Materials Origin - a white indicate heteren 1 11/10/2022 and 8/15/2023 non-dimentic Contraction Material.
PROJECT NAME (SECTION)			
BID ITEM NO. BID ITEM NAME		Project Name (Section)	Contract No.
DOMESTIC MATERIALS SOURCE (NAME AND ADDRESS)		Bid Item No. Bid Item Name	
		Domestic Materials Source	
		Name	
DOMESTIC MATERIALS DESCRIPTION		Address	
	an continues	Description (maximum 1000 characters)	
FOREIGN MATERIALS SOURCE INCLUDING MATERIAL OF UNKNOWN KRIGHT BIAME AND ADDRESS FOREIGN MATERIALS (OR OF UNKNOWN ORIGIN) DESCRIPTION AND VALUE OF IRON OR STEEL PRODUCT AS IT IS DELIVERED TO THE PROJECT		Build America Buy America. All manufacturing processes for the do of America. Marufacturers' certificates verifying the origin of the above de following final payment. Copies will be furnished to the Engineer s I declare under penalty of perjury or falsification under Oregor	upon request. n and Federal laws that the foregoing is true and correct.
		Authorized Representative*	Company* Name and Address
		Name	Company
This certification is made for the purpose of establishing materials acceptance under the Contract Special Provisions titled 00160.20(a) Buy	The same of	Title	Address 1
America. All iron or steel manufacturing processes, including protective coatings, for the domestic materials described above occurred within the United States of America.		Sinn	Address 2
Manufacturers' certificates verifying the origin of the above described domestic materials will be kept on file for three years following final payment. Copies will be furnished to the Engineer upon request.			-
I declare under penalty of perjury or falsification under Oregon and Federal laws that the foregoing is true and correct.	STATE OF THE STATE	Date	City/State/Zip
AUTHORIZED REPRESENTATIVE" COMPANY" NAME AND ADDRESS:	PARTY DESCRIPTION		*May be Contractor, Subcontractor or Supplier
NAME:		Submit a new certificate for subsequent ship	ements if any of the above information changes.
TITLE:	SVANSSIVE		
SIGNATURE:			
DATE: Submit a new certificate for subsequent adipments if any of the above information changes: "May be Contractor, Sub-Contractor or supplier	The state of the s		
Submit a new certificate for subsequent alrigments if any of the above information changes. "May be Contractor, Sub-Contractor or supplier			
		734-5378 (11-30-2022)	of
734-2126 (11-30-2022)	Carried March		

Construction Materials O Certificate of Materials O Page I have Sector Ef Jam Na. Ed Jam Na. Domestic Materials Source			
Name			
Address Description (maximum 500 characters)			i de la companya de
		AA.	
Foreign Materials Source (including material of unknown origin)			
The total value of the non-compliant products (foreign or unknown origin) is no more than the lesser of \$1,000,000 or 5% of total applicable costs for the project.	out of Construction Middest as different to the project.		
This certification is made for the purpose of establishing materials acceptable under the America Buy America. All manufacturing processes for the domestic materials described abow Manufactures's certificates verifying the origin of the above described domestic material payment. Copies will be furnished to the Engineer upon request.	s will be kept on file for three years following final		
I declare under penalty of perjury or falsification under Oregon and Federal laws that the	foregoing is true and correct.		
Authorized Representative*	Company* Name and Address		
Name Company			
		A COMPANY OF THE PARTY OF THE P	
Title Address 1			Vy All Control of the
Sign Address 2			1 The second sec
Date City/State/Zip			
Submit a new certificate for subsequent shipments if any of the abo 734-5378b (12-18-2023)	*May be Contractor, Subcontractor or Supplier ove information changes. of		



- New language is posted as part of the Construction Manual (Chapter 12B starting on page 11)
- This is our best reference for implementation of the Build America Buy America requirements
- Anything that we need to change as this is being implemented will be modified in the Construction Manual so that RE Offices have information to enforce the requirements
- Please contact us if the guidance in the Construction Manual does not follow the guidance that you have heard – so that we can clarify and make adjustments to the Construction Manual as necessary

Build America Buy America

On November 15, 2021, President Biden signed into law the Infrastructure Investment and Jobs Act (IIJA), which includes the BABA Act (Pub. L. No. 117 SB, Sections 70901 TO941). While existing Buy, America requirements previously applied to iron, steel, and certain manufactured products, BABA expands requirements to include all manufactured products and construction materials in construction contracts that include Federal funding.

The Act requires that no later than May 14, 2022—180 days after the enactment of the IIIA—the head of each covered Federal agency shall ensure that "none of the funds made available for a Federal financial assistance program for infrastructure, including each deficient program, may be obligated for a project unless all of the iron, steel, manufactured products, and construction materials used in the project are produced in the United States." A 180-day transitional waiver was approved for US-DOT to extend the implementation of BABA to November 10, 2022.

Included in BABA

- Construction materials include 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, and domail.
- BABA does not apply to temporary items, asphalt products, cement and cementitious products, aggregates, or aggregate additives. The BABA preference only applies to articles, materials, and supplies that are consumed in, incorporated into, or affixed to an infrastructure project. As such, it does not apply to tools, equipment, and supplies, such as temporary scaffolding, brought to the construction site and removed at or before the completion of the infrastructure project.
- Manufactured products are defined as products consisting of at least two construction materials or other constituents that are produced or assembled off the Project Site. The existing 1983 FHWA waiver for manufactured products is being reviewed at the national level, as required by BABA. For now, manufactured products fall under the 1983 FHWA waiver.

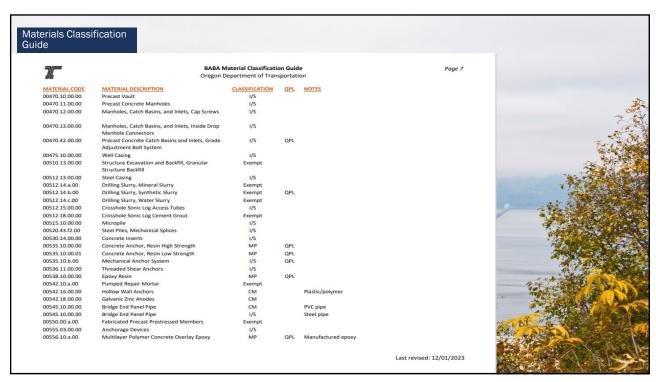
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Materials Classification Guide

- List of most Construction Materials
- Organized by Material Codes and Specification
- 39 Pages of Material information
- Identifies how most Materials are addressed

Disclaimer: This spreadsheet is to be used as a guide to help determine the BABA classification of installed materials. The classification of the specific product installed may differ from the classification listed on this guide. Refer to the manufacturer's information to determine the proper classification of the specific product. This Guide will be updated and amended as needed. Refer to SP00160.20 Preferences for Materials for additional information.



Blue Sheet Materials

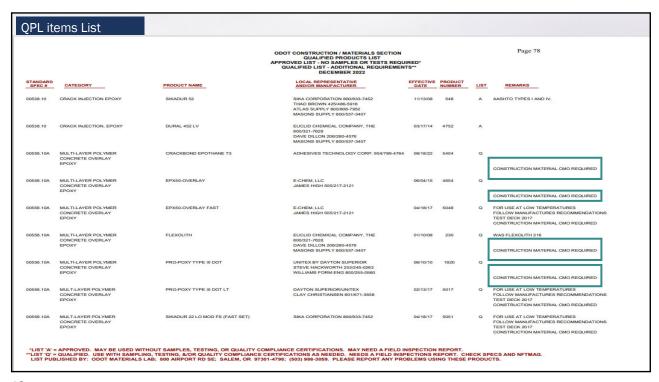
- Represents all materials covered by the Blue Sheets for traffic signals
- Organized by equipment categories
- 2 pages of information
- Identifies how each signal material is addressed

Blue Sheet Materials	CMO/CCMO block on Blue Sheets	Iron/Steel CMO	BABA construction material CCMO	BABA manufactured product	Comments
Temporary features					
temporary covers	1	NO	NO	YES	
temporary meter base socket	E	NO	NO	YES	
temporary service cabinet		NO	NO	YES	
temporary terminal cabinet	YES - CMO***	***NO/YES	NO	NO	***CMO only required if used in permanent applications
temporary pre-cast 332s foundation		NO	NO	YES	
Temporary span wire equipment					
cable ties	YES - CCMO***	NO	***NO/YES	NO	***CCMO only required if used in permanent applications
messenger, tether, & stabilizer cable	YES - CMO***	***NO/YES	NO	NO	***CMO only required if used in permanent applications
eyebolt, turnbuckle, strandvise, S-hook	YES - CMO***	***NO/YES	NO	NO	***CMO only required if used in permanent applications
span wire hanger	YES - CCMO***	NO	***NO/YES	NO	***CCMO only required if used in permanent applications
tether clamps	YES - CMO***	***NO/YES	NO	NO	***CMO only required if used in permanent applications
ri-stud adaptor		NO	NO	YES	
Poles and pedestals			Transaction of the state of the		
chase nipple	YES - CMO	YES	NO	NO	
pipe plugs	YES - CMO	YES	NO	NO	
pedestal	YES - CCMO	NO	YES	NO	
Conduit & appurtenances			L.		
conduit	YES - CMO/CCMO*	*YES (steel)	*YES (non-metallic)	NO	*Steel requires CMO and non-metallic requires CCMO
conduit bushings	YES - CMO/CCMO*	*YES (steel)	*YES (non-metallic)	NO	*Steel requires CMO and non-metallic requires CCMO
conduit plug	YES - CCMO	NO	YES	NO	
condulet	YES - CMO	YES	NO	NO	
conduit hub		NO NO	NO NO	YES YES	
expansion fitting	YES - CCMO	NO	YES	NO	
underground warning tape	YES - CCMO	NO	YES	NO	
lunction box		NO	NO	YES	
Cables, wires, grounding/bonding & appurtenances		NO	NU	165	
oond wire	YES - CCMO	NO	YES	NO	
ground rod and clamp	TES - CCIVIO	NO	NO NO	YES	
control cable		NO	NO	YES	
ndustrial ethernet cable	1	NO	NO	YES	
nterconnect cable	-	NO	NO	YES	
FFN, THWN, & XHHW wire		NO	NO	YES	
strain relief	YES - CMO	YES	NO	NO	
Misc mountings			.,0		
Radio mount	9	NO	NO	YES	
video detection mount		NO	NO	YES	
Pedestrian equipment			.,0		
Pedestrian signal and mount		NO	NO	YES	
ED module (pedestrian signal)		NO	NO	YES	
oushbutton and mount	1	NO	NO	YES	

QPL

Identifies in the "Remarks" column which QPL items will require a CMO for either steel or construction materials

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Non-Field Tested Materials Guide

C - Construction Materials Certificate of Materials Origin (C-CMO) Form 734-5378 -Build America Buy America (BABA) - Refer to 00160.20(d). Specification Sections that have been identified as containing Construction Materials that may require a C-CMO have been added throughout this guide. They can also be referenced on the Qualified Products List (QPL) at the following website:

https://www.oregon.gov/odot/Construction/Pages/Qualified-Products.aspx

The updated Non field materials acceptance guide

Oregon Department of Transportation Nonfield-Tested Materials Acceptance Guide 2021 Standard Specifications

					ACCEPTAN	ICE DOCUMENTS	S	
SECTION	TYPE OF CONSTRUCTION	MATERIALS	SUBSECTION		HED BY	FURNISHED	BY AGENCY	REMARKS
SECTION	THE OF CONSTRUCTION	THE LEWIS CO.	300000011011		CTOR TO	MATERIALS	FIELD	KENTANIS
				LAB	ENGR.	LAB	PERSONNEL	
(con't)	Sanitary, Storm, Culvert, Siphon, and Irrigation Pipe	Nonreinforced Concrete Pipe	02410.10(f)				F	ODOT approved manufacturers: - Oldcastle Infrastructure, Auburn, WA
(con t)	(continued)	Reinforced Concrete Pipe	02410.10(g)		0		F	- Oldcastle Infrastructure, Eugene, OR
								- Oldcastle Infrastructure, Keizer, OR
								- Oldcastle Infrastructure, Nampa, ID
								- Cascade Concrete Products, Scappoose, OR
						1		If pipe is not from ODOT approved manufacturer, contact
								Structure Services (503-986-3056) for acceptance information 21 Days prior to pipe casting.
								information 22 days prior to pipe custing.
								Requires Structure Services inspection.
		Polypropylene Pipe	02415.40		Q, C		F, QPL	"Q" is markings on pipe.
								"C" is for Construction Material CMO according to 00160.20(d)
								"F" must document manufacturer's name, size and ASTM designation.
								Must be from the QPL and meet the requirements of 02415.40.
		Polyvinyl Chloride Pipe (PVC)	02415.50		Q, C		F	"Q" is markings on pipe.
								"C" is for Construction Material CMO according to 00160.20(d)
								"F" must document manufacturer's name, size and ASTM designation.

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Resources:

 $IIJA: \underline{https://www.congress.gov/117/plaws/publ58/PLAW-117publ58.pdf}$

BABA: IIJA Division G, Title IX, Sections 70901-70941

Office of Management and Budget Memo MB-22-11: https://www.whitehouse.gov/wp-content/uploads/2022/04/M-22-11.pdf

Contact Information:

General Information & Certificate of Material Origin (CMO) Forms:

Mike Dennee

Michael.J.Dennee@odot.oregon.gov

503-580-2013

Specifications:

Dan Anderson

 $\underline{Daniel.A.Anderson@odot.oregon.gov} \ or \ \underline{ODOTSpecifications@odot.oregon.gov}$

503-986-3777

Qualified Products List (QPL)

Dean Chess

Dean.M.Chess@odot.oregon.gov

503-986-3059

	Buy America (BA), Build America, Buy America Act (BABA) and HB3332 Updates	Effective
Requireme USDOT issu Small Gran Buy Americ with less th with federa America de greater of 5 but, a de m applicable constructic amount, th using cost c Project and by the Con Amount). S	Buy America and Build America, Buy America ents for De Minimis Costs and Small Grants - The used a Public Interest Waiver for De Minimis Costs and ts applicable to materials covered by BABA, including ca. First, Buy America and BABA are waived for projects an \$500k in federal assistance. Second, for projects all assistance of \$500K or more, the standard Buy eminimis amount for steel or iron products (the \$2500 or 0.1% of the Contract Amount) still *applies iniminis amount of the lesser of \$1M or 5% of the Total project costs will also be allowed for BABA on materials. In order to apply the BABA de minimis are "Total applicable project costs" must be determined of materials (not estimated or anticipated) for that it is dependent upon the value of the materials chosen tractor (as opposed to the fixed value of the Contract opecification language can be found in the Special 00160.20(d)	
definition of added Engli articles, ma material do material. (O provisions O	of Management and Budget (OMB) updates of Construction Materials - A change in definitions neered wood and Minor additions. Minor additions of iterials, supplies, or binding agents to a construction not change the categorization of the construction coatings, Treatments, and Glue). Specification special 20160.20(d) does address the addition of Engineered ones not mention the added clarification of "Minor"	Effective for projects with federal construction authorization after 10/23/23 Projects bidding on or after 12/14/23 and a portion of Projects biding on or after 12/7/23 (PS&E on or after 10/23/23 and assumed obligation on or after 10/23/23) Note: 3 projects bid in December that will likely be obligated before 10/23/23 and this will not apply.

HB3332 request waiver - In the 2023 Oregon Legislative Session, HB3332 was passed and enacted to establish a steel and iron Buy America program for the Oregon Department of Transportation (ODOT) and Oregon Department of Administrative Services (DAS). HB3332 allows for the ODOT Director to waive HB3332 requirements that apply to a single public improvement contract or contract for public works, to a class of public improvement contracts or contracts for public works or to a class of iron or steel products, coatings, or manufactured products.	Effective for projects advertised after January 1, 2024. Projects at PCO bidding on or after February 1 must comply with the new HB3332 which equates to Projects advertised on or after January 1, 2024.
BABA Material Classification Guide - Bid items list is now Materials Classification Guide. Found on the CAU Webpage. Material codes and descriptions are referenced from AASHTOWare Reference Data. For some materials, there are multiple listings, as each subtype has a different material classification. Refer to notes, Material Classification descriptions, and QPL if applicable, to identify classification of the specific proposed product.	https://www.oregon.gov/odot/Construction/Documents/BABA Materials.pdf
Build America Buy America implementation of 2022 and revisions for 2023 Memo – The purpose of this memo is to provide guidance to meet expanded federal requirements requiring American made materials in construction contracts as required in the Build	An E-Mail was sent out on December 8 th regarding this. https://www.oregon.gov/odot/Construction/Documents/BABA memo.pdf

