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MATERIALS & TESTS BULLETIN

NCDOT



ACCEPTING REBAR

Manufactured Products - Metals Group

To ensure the quality and endurance of our infrastructure, all reinforcing steel and welded wire reinforcement must be sourced from a facility that participates in AASHTO Product Evaluation & Audit Solutions. Additionally, NCDOT requires type 1 certified mill test reports from the original steel manufacturer and M&T Form 913. Make sure all this information is provided with each shipment. Additionally in the case of coated steel reinforcement and dowel bars M&T Form ER02 and M&T Form DB06 are required respectively.

Reinforcing steel used for NCDOT work must be ASTM A615 and Concrete pavement tie bars must be AASHTO M31, both Grade 60. Other grades of steel are allowed if required by Special Provision.

Only one sample per size per type is needed from steel used in a project for both uncoated and coated rebar. If Form 913 is not attached, we also require a sample to be taken. Note all rebar must be produced in the United States per the Buy America Act.

Make sure all documentation, including mill test reports and Form 913, is complete and accurate to avoid delays in project timelines.

By adhering to these guidelines and ensuring all materials comply with NCDOT Standards, we can guarantee the structural integrity and longevity of the construction project. Please visit our site to check our acceptance procedures in more detail.

<https://connect.ncdot.gov/resources/Materials/MaterialsResources/Acceptance%20Procedures%20for%20Reinforcing%20Steel.pdf>

INSIDE THIS ISSUE:

*Accepting REBAR
Buy America Act vs
BABA: What is the
difference?*

BULLETIN SIGNUP CODE:





Picture 1

BUY AMERICA ACT AND BUILD AMERICA, BUY AMERICA (BABA): WHAT IS THE DIFFERENCE?

Manufactured Products

Established in 1933, the Buy America Act requires all iron and steel products to be melted and manufactured in the United States if they are to be permanently incorporated into a project. Here are some key points to keep in mind:

- There is a North Carolina State law that mirrors the federal law, extending the Buy America Act to state-funded projects.
- Certifications are required to ensure compliance with the Buy America Act.

All manufacturing processes, which alter the chemical composition or physical form and shape of iron and steel must occur in the United States for these materials to be considered domestic and in compliance with the Buy America Act.

In contrast, Build America, Buy America, Build America (BABA) was enacted on November of 2021

as part of the Infrastructure Investment and Jobs Act for Federal infrastructure financial aid fund allocation. This program mandates the use of construction materials and manufactured products made in the United States.

BABA is currently in flux, as the Federal Highway Administration (FHWA) and other Federal Agencies continue to define what the law's requirements will be. As of now, there are some exceptions to the law: binders, cement and wood products as tracking the origin of this materials would be difficult.

Materials and Tests currently has a list of materials which under project special provisions require certifications stating they meet BABA requirements. This list can be found in the link below. <https://connect.ncdot.gov/search/Pages/results.aspx?k=BABA>

If at any point you have a question regarding Buy America or BABA please contact Materials and Tests.

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IF YOU HAVE A TOPIC YOU WOULD LIKE TO SEE IN A FUTURE ISSUE, PLEASE EMAIL US AT RNBRAVO@NCDOT.GOV