



American Iron and Steel (AIS)

Requirements for State Revolving Fund (SRF) Projects

New Hampshire Department of Environmental Services



The Water Resources Reform and Development Act of 2014, the Consolidated Appropriations Act of 2014 ([Public Law 113-76](#)), and subsequent laws continue to require the use of American made iron and steel products for all projects (construction, alteration, maintenance or repair of a public water system or treatment works) receiving financial assistance from the Clean Water and Drinking Water State Revolving Funds (SRF).

Roles and Responsibilities



LOAN RECIPIENT

Incorporate AIS requirements into all contracts (see “[front-end](#)” templates). Obtain manufacturer certifications and maintain documents in project files. Submit De minimis Use Tracking Form with each disbursement request and “project” AIS certification at substantial completion.



CONTRACTOR

Procure U.S. made products, obtain certifications from manufacturers, and maintain a list of items covered by the De minimis Use Waiver (see reverse page for more information). Submit the [Contractor’s Payroll and AIS certification form](#) (Front End Section D) with each payment application.



MANUFACTURER

Provide product certifications to loan recipient.



STATE OF NEW HAMPSHIRE

Conduct inspections and examine documentation for incorporated products. Reviews the De minimis tracking form.



ENGINEER/CONSULTANT

Assists loan recipient to comply with requirements by ensuring AIS is incorporated into all contracts and all prospective bidders are aware of AIS components incorporated into design. When approving shop drawings and materials, verify AIS compliance and assist with collecting certifications.

Manufacturers Certification Requirements

The Contractor, through its subcontractors, suppliers, and manufacturers, shall provide to the Owner written certification that all iron and steel materials provided for the project comply with the AIS requirements of the SRF program.

Manufacturer’s certification letters **must include** the following:

- Manufacturer name.
- SRF construction project name and location.
- A list of specific products delivered to the project site.
- A statement that the product is in compliance with the American Iron and Steel requirement as mandated in EPA’s SRF programs.
- The location of the foundry/mill/factory where the product was manufactured (City and State).
- A signature by a manufacturer’s responsible party.

A sample manufacturer’s certification is included in as Appendix B of EPA’s [American Iron and Steel Requirements Guidance](#) document.

BE PROACTIVE! IDENTIFY AIS COMPONENTS UPFRONT AND OBTAIN CERTIFICATIONS EARLY IN THE PROCESS.

Products and Materials Subject to AIS

IRON AND STEEL PRODUCTS			
<ul style="list-style-type: none"> • Lined/unlined pipes or fittings • Manhole covers • Municipal castings 	<ul style="list-style-type: none"> • Hydrants • Tanks • Pipes, clamps & restraints 	<ul style="list-style-type: none"> • Valves • Structural Steel • Reinforced precast concrete 	<ul style="list-style-type: none"> • And More!
CONSTRUCTION MATERIALS			
<ul style="list-style-type: none"> • Wire and wire rod/cloth/rope/cable • Stairs • Access ramps • Fire escapes • Ladders 	<ul style="list-style-type: none"> • Decking • Grating • Railings • Concrete reinforcing bard (rebar) • Angles 	<ul style="list-style-type: none"> • Tubing • Joists • Framing • Welding rods • Fasteners • Dome structures 	<ul style="list-style-type: none"> • Roofing • Fencing & fence tubing • Ductwork • Doors & door frames • And More!
NON-CONSTRUCTION MATERIALS NOT SUBJECT TO AIS			
Mechanical and electrical components, equipment, and systems such as: <ul style="list-style-type: none"> • Pumps • Motors 	<ul style="list-style-type: none"> • Gear Reducers • Drives (i.e., VFDs) • Electric/pneumatic/manual accessories to operate valves • Gates 	<ul style="list-style-type: none"> • Meters • Sensors • Compressors • Controls and switches • Blowers/aeration equipment 	<ul style="list-style-type: none"> • Mixers • Motorized screens • Supervisory control data acquisition • And More!

Review EPA's [AIS Implementation Procedures](#) for additional information and a more detailed list of products and materials subject to AIS.

Waivers

AIS requirements apply unless a waiver is granted by EPA. EPA may grant waivers from the AIS requirements if one or more of the following criteria applies:

- (1) Applying AIS requirements would be inconsistent with the public interest;
- (2) AIS compliant materials are not produced in the US in sufficient and reasonably available quantities or of a satisfactory quality; or
- (3) AIS compliant materials produced in the United States will increase cost of project by more than 25%.

Currently approved or proposed waivers and the requirements are available on [EPA's website](#).

The [AIS De minimis waiver](#) applies to miscellaneous non-domestically made, low-cost components tracked in the [De Minimis Tracking Report](#). The cumulative costs for these components may not exceed 5% of the total project cost. The cost of a single item may not exceed 1% of the total project material costs.

Questions and General Inquiries

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Drinking Water SRF: DWSRF@des.nh.gov



For additional information regarding the AIS provision and requirements, visit:

www.epa.gov or www.des.nh.gov