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## STEEL PILES

### **GENERAL**

Steel H, pipe, and sheet piles shall meet the requirements of Article 4167 of the Standard Specifications. Acceptance for incorporation into a project will be based on a certified mill analysis of the steel and a satisfactory laboratory test report on any random monitor sample secured from a project and tested by the Central Laboratory and shall be from an approved source and/or approved supplier. Approved producing mills are listed in Appendix A of this IM. Approved suppliers are listed in Appendix B of this IM.

### **CERTIFIED MILL ANALYSIS**

The manufacturer and/or supplier shall furnish an identification list for each and every shipment to a project. It shall include the project number, design number, heat number, number of pieces, size and length of piling in the shipment. A Certified Mill Analysis for each shipment is required. The Mill Analysis shall itemize the materials, the ASTM steel designation, section number description, heat number, actual or theoretical mass and the physical as well as the chemical test analysis/characteristics. The Mill Analysis shall indicate compliance with the applicable specification requirements.

At the time of shipment one copy of properly identified Certified Mill Analysis and identification list (showing project number, county, type of piles, and number of pieces) shall be forwarded to the Project Engineer and one copy to the respective District Materials Engineer.

Requirements for specific Steel Piles are found in the following IM's:

- 467.01 – Steel H-Piles
- 467.02 – Steel Sheet Piling
- 467.03 – Steel Pipe Piles