

STUD SHEAR CONNECTORS

Cox Industries	New Haven, Michigan
Erico Products, Inc.	Cleveland, Ohio
L-Tec Welding & Cutting Systems	Ashtabula, Ohio
NSS Industries	Plymouth, Michigan
Stud Welding Assoc.	Elyria, Ohio
Tru-Weld Division (Tru-Fit Products Corp.)	Medina, Ohio
TRW/Nelson	Lorain, Ohio

Method of Documentation of Acceptance: By brand and manufacturer.

Method of Approval for Materials to be added to this Qualified Products List:
Qualification of a stud shear connector manufacturer is based on their submittal of certified tests on stud bases conducted by a recognized independent laboratory in accordance with AHTD Standard Specifications, and AWS Bridge Welding Code, D 1.5. A stud base remains qualified until the manufacturer makes any changes in the stud base geometry, material, flux or arc shield which affects the welding characteristics.

All iron and steel material used on Department projects must be in compliance with "Buy America" requirements and the Department's "Standard Specifications for Highway Construction", Subsection 106.01. This means all manufacturing processes of the iron or steel in a product(i.e., smelting/remelting, and any subsequent process which alters the steel material's physical form or shape or changes its chemical composition) must occur within the United States to be considered of domestic origin. This includes processes such as rolling, extruding, machining, bending, grinding, drilling, and applying coatings. The use of pig iron or processed, pelletized, and reduced iron ore manufactured outside of the United States is permitted in the domestic manufacturing process for steel and/or iron materials. All steel mill test reports will contain a statement certifying that all manufacturing processes for the steel occurred in the United States. Each supplier/fabricator of an intermediate product will also certify that the product complies with "Buy America" requirements.