

ALABAMA DEPARTMENT OF TRANSPORTATION
PROCEDURE FOR EVALUATION AND MAINTENANCE OF

LIST II-4

WELDED SHEAR STUD CONNECTORS

1. **Material:** Welded shear stud connectors for bridges
2. **Specification:** Item 508.03(d) 9.
3. **Jurisdiction:** Product Evaluation Board (Physical Laboratory)
4. **Job Acceptance Requirements:** No Job Control samples required. Acceptance based on inspection at the structural steel fabrication site.
5. **Project Engineer's Responsibility:** The Department's structural steel fabrication inspectors will assure that acceptable materials are furnished. They will furnish documentation to the project file by way of the Bureau of Materials and Tests. The project engineer will need only to assure that members have been inspected for damage during transit.
6. **Producer's Initial Requirements:**
 - 6.1 Name and address of the company producing the product
 - 6.2 A certified test report showing actual test results for all requirements in the standard specifications. This includes all parameters required in the current version of the American Welding Society Bridge Welding Code D1.5 Section 7 and Annex VI.
7. **Producer's Maintenance Requirements:** Companies with products on this list will be expected to comply with the following to stay on the list:
 - 7.1 Produce the same quality of equipment as supplied for the original evaluation.
 - 7.2 Provide only approved connectors to Department projects.
 - 7.3 Promptly report to the Department any changes in company name, company address, company ownership or changes in product name or designation.
 - 7.4 Notify the Department of any changes in production of the product. Any alteration that will change the product physically will require a reevaluation of the product.
- 7.5 Promptly report to the Department any changes to the manufacturer's Build America, Buy America (BABA) compliant status.
8. **Laboratory Testing:** The Department will not conduct laboratory tests. Acceptance is based on the manufacturer's certified test data.
9. **Contractors' Requirements:** The contractor will be responsible for purchasing and using only approved materials.
10. **Removal of Products:** Products may be removed from this list for any of the following:
 - 10.1 Mislabeling products or substitution of products other than those originally submitted.
 - 10.2 Failure to comply with any of the Department's requirements for this type of equipment.
 - 10.3 Failure to work satisfactorily on the job.
 - 10.4 A change that will affect the manufacturer's BABA status requirement(s) will result in either (1) the product being removed from the approval list or (2) will remain on the approval list and will be labeled as non-compliant and can be used on non-federal funded projects.
11. **Correspondence:** All correspondence concerning this list should be directed to the following:

Product Evaluation Board
Alabama Department of Transportation
3704 Fairground Road
Montgomery, AL 36110