

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION

QUALIFIED PRODUCT POLICY
FOR
QUALIFIED ELECTRICALLY WELDED SHEAR CONNECTOR STUDS
QUALIFIED PRODUCT LIST 25

Requests to qualify a product along with required information and certification should be submitted to:

Caleb Gunter, PE
Structural Steel Engineer
SCDOT Office of Materials and Research
PO Box 191
Columbia, SC 29202
(803) 737-6694
(803) 737-6649 Fax
email: guntercb@scdot.org

Shear connector studs shall conform to the requirements of the South Carolina Standard Specifications section 709.2.2 and the Specification for Steel Bars, Carbon, Cold-Finished, Standard Quality - AASHTO M 169 (ASTM A 108). Tensile properties shall be determined in accordance with the applicable sections of ASTM A 370. Tensile tests of finished studs shall be performed on studs welded to test plates as specified in the latest addition of the AASHTO/AWS D1.5 Bridge Welding Code.

The manufacturer shall certify that the studs as delivered are in accordance with the material requirements. Certified copies of in-plant quality control test reports shall be furnished to the Engineer upon request.