



QUALIFIED PRODUCT POLICY FOR FLEXIBLE DELINEATOR POSTS QUALIFIED PRODUCT LISTING 50

Flexible delineator posts supplied for SCDOT shall comply with the SCDOT specification for Flexible Delineator Posts. To be eligible to bid on flexible posts for maintenance contracts or supply posts for construction projects, suppliers must have their flexible posts tested by the National Transportation Product Evaluation Program (NTPEP) and qualified by the SCDOT based on the test results received from NTPEP. Information on submission of products to NTPEP for testing is available at data.ntpep.org.

Once a post is qualified, it will be listed on Qualified Product Listing 50 "Qualified Suppliers of Flexible Delineator Posts" and will be qualified for a period of 5 years after initial testing, if it is not altered in any way. The qualified product list is updated as needed and is based on test results furnished by NTPEP. If altered in any way, the Department must be notified and the product re-evaluated prior to use. Retesting of posts must be completed within five years of initial qualification and shall continue on a five-year cycle thereafter. All requirements of the current qualified list must be met at the end of the five-year period in order for continuous qualification.

A certified letter stating that each type of posts meets the South Carolina DOT 'Specifications for Flexible Delineator Posts' shall be sent to the Office of Materials and Research. The letter will also state when the post was last tested by NTPEP and that the post is of the same material that was tested by NTPEP. If the manufacturing process is changed the post must be retested by NTPEP before it can be placed on the qualified list.

For a post to be placed on the Department's Qualified List there must not be more than a 25% failure of the samples tested by NTPEP.

The following will constitute failure of a post:

- 1) Separation of any of the post components.
- 2) A list of greater than 10°.
- 3) Greater than 50% sheeting damage.
- 4) Delamination of post.
- 5) Ultraviolet resistance. Flexible delineator posts shall be capable of withstanding 1,000 hours of UV exposure in the Q.U.V. weatherometer without significant color change or physical deterioration as might be exhibited by splitting, cracking, delaminating, etc. The test shall be conducted in accordance with the provisions of ASTM G 53.

Only those posts listed on QUALIFIED PRODUCT LIST 50 can be considered for maintenance contracts or for SCDOT construction projects. **FLEXIBLE POSTS WILL NOT BE PLACED ON THE SCDOT QUALIFIED PRODUCT SUPPLIERS LIST UNLESS TESTED BY NTPEP.**

After a product is placed on South Carolina Qualified Product List, its field performance will be monitored to further verify that it meets current specifications and performs satisfactorily in the field. If inadequate field performance exists, or future NTPEP Test results do not meet the above requirements the Department may remove the post from the Qualified Product List.

Any questions concerning this Qualified Product Policy or Qualified Product List 50 should be directed to:

Laura C. Kline, P.E.
Office of Materials and Research
Post Office Box 191
Columbia, South Carolina 29202
Telephone (803) 737-6701 FAX (803) 737-6649
Email: KlineLC@scdot.org