



## 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 [ntpep.transportation.org/](http://ntpep.transportation.org/)

Once a post is qualified per this Policy, it will be listed on Qualified Product Listing (QPL) 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 QPL 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 QPP must be met at the end of the five-year period in order for continuous qualification.

Information stating that each type of posts meets the South Carolina DOT 'Specifications for Flexible Delineator Posts' should be sent to the contact listed below. The request should 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 considered for the QPL.

For a post to be placed on the Department's QPL 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 QPL 50 can be considered for maintenance contracts or for SCDOT construction projects. Products will not be considered for QPL 50 unless tested by NTPEP.

After a product is placed on QPL 50, 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 QPL.

**SCDOT Contact:**

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