

Certificate Of Compliance Process

Thermoplastic Traffic Striping Material

The Chemical Testing Branch ensures the quality of Thermoplastic through the Certificate of Compliance program (COC). The COC is the Manufacturer's documentation that their batch of thermoplastic meets Caltrans requirements under section 84-2.01C of the current Caltrans Standard Specifications.

New Manufacturers who would like to participate in the COC process for Thermoplastic Traffic Striping Material, contact the Chemical Testing Branch with the following:

1. Letter of Intent.
2. Safety Data Sheet.
3. Submit the required tests listed in Caltrans Standard Specifications - Section 84-2.01C, which were tested using the California Test 423 Test Method for Thermoplastic Traffic Line Material.

The Chemical Testing Branch will email a blank copy of the COC once the new Manufacture is approved for the COC process. The following information is required as part of a COC submittal when batch samples are submitted for testing:

1. Manufacturer's name and location.
2. Batch number.
3. Batch volume.
4. Date of manufacture, certificate number, and date certificate issued.
5. Certification that the batch was tested within a year before use.
6. The Manufacturer will provide two bags with 6000 grams of sample in each bag for testing. Each bag should be labeled with the corresponding paperwork batch number.

Send Sample to: Chemical Testing Branch
Caltrans Transportation Laboratory
5900 Folsom Blvd
Sacramento, CA 95819

First, the submittal will be reviewed, and the Chemical Testing Branch will complete and approve department verification testing. Subsequently, the Chemical Testing Branch will perform quality assurance testing on every batch sample for six months to one year to ensure the material meets the requirements of California Test 423. If the Manufacturer's specific product continually meets the requirements in the set amount of time, the Manufacturer's specific product will be added to the COC program.

Once accepted to the COC program, the Manufacturer will continue to send in one batch sample bag with 6000 grams of sample for testing each batch

produced. The bag should be labeled with the corresponding paperwork batch number. The Chemical Testing Branch receives batch samples, tests them, and resolves discrepancies with the Manufacturer.

If a Manufacturer cannot maintain COC compliance at any time, it must contact the Chemical Testing Branch to discuss its options. The Chemical Testing Branch reserves the right to remove a Manufacturer for non-COC compliance. The Manufacturer will be placed back on a batch-by-batch testing program until the non-COC compliance is resolved.

Email: Chemistry.Branch@dot.ca.gov