



# TEX-101-E, PART III

Preparing Soil and Flexible Base Material for Testing



## Why

This procedure applies to chemically stabilized materials sampled from the roadway during construction. These materials may be tested in the roadway condition for adequate pulverization of base and subgrade.



## When

### Only road-mixed applications

- Item 260
- Item 265
- Item 275
- Special Spec. 3088
- Special Spec. 3089
- Special Spec. 3095



## How

### Equipment

- Sample splitter
- Scoops
- Metal pans
- Drying oven
- Set of sieves



### Procedure

- Select a representative sample from the roadway according to Tex-100-E.
- Reduce the sample, using a sample splitter or other approved method to a minimum of 4.5 kg (10 lbs.).
- Weigh and record the total sample to the nearest 5 g (0.1 lbs.).
- Remove non-slakable aggregate.
- Use the specified sieves to separate the sample into different size fractions either with a shaker or hand method. Remove non-slakable aggregate.
- Sieve until no more than one percent of the test sample, by mass, passes through any sieve after one minute of continuous shaking.
- Weigh and record sample passing each sieve to the nearest 5 g (0.1 lbs.).



## Action

1. Calculate the percent passing for each sieve.
2. Round to the nearest whole percent to report.