

ATT-60/95 SAMPLING, Slurry Seal Asphalt Mixes

1.0 SCOPE

This method describes the procedure for obtaining representative samples of slurry seal asphalt mixes.

2.0 EQUIPMENT

- 1 - one litre round friction top can and carrying case
- 1 - plastic bag and twist tie
- 1 - pair of rubber gloves

Data Sheet: Asphalt Sample Identification (MAT 6-13)

3.0 PROCEDURE

Obtain three samples of slurry seal asphalt mix for each day of production. Each sample shall be taken at the diverter and shall consist of a cross section of the entire flow of the mix. A representative sample is taken as follows:

1. Place the plastic bag inside the litre can with the bag folded over the sides of the can.
2. Before obtaining the sample, allow the slurry machine to produce a mix to the slurry box for at least 30 m, to ensure the mix is at the proper moisture content.
3. Ensure there is a steady full flowing stream of slurry mix coming out of the slurry machine before sampling.
4. Wear rubber gloves, pass the can with the plastic bag across the steady stream of slurry mix at the diverter, collect approximately $\frac{3}{4}$ litre of the mix.
5. Seal the plastic bag with a twist tie and put the lid on the can.
6. While the can is hot, use a dry clean cloth to clean the exterior of the can.
7. Complete an Asphalt Sample Identification form (MAT 6-13). Record in the Remarks Section of the form the pit name and pit location.
8. Attach the form to the can, place the can in the carrying case and ship the sample to a testing laboratory as soon as possible.

4.0 HINTS AND PRECAUTIONS

1. A sheet of paper may be wrapped around the can to minimize spillage of the mix on the can during sampling.
2. Never clean the can with a solvent soaked rag, as the solvent may contaminate the sample.