

State of Nevada
Department of Transportation
Materials Division

**METHOD OF TEST FOR THE EFFECT OF HEAT AND AIR ON A MOVING FILM OF
ASPHALT (ROLLING THIN FILM OVEN TEST)**

Follow AASHTO T 240 in its entirety with the following exceptions:

APPARATUS - FLOWMETER

Add the following to this subsection:

The airflow may also be calibrated with an electronic mass flowmeter. The electronic mass flowmeter must be calibrated and traceable to NIST standards.

PROCEDURE

Make the following changes:

Allow the glass sample containers not used for mass change determination to cool in the cooling rack for 1 to 24 hours.

At the conclusion of the testing period, remove any samples for mass change determination, and place them horizontally in the cooling rack. Then remove each remaining glass sample container, one at a time, and pour its contents, without scraping, into a collection container having a capacity at least 30% greater than the total expected volume of residue. While the residue is being removed from each sample container, the remaining glass containers will remain in the oven, with the heater power on, the air off, and the carriage not rotating. Scraping is allowed only if residue will not flow out when the glass container is initially inverted.

The note requiring that an average of 90 percent or more of the residue is removed from the sample containers is hereby deleted.