

LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT VERIFICATION PROCEDURE

SIEVES (AASHTO M92)

Equipment

1. An eyepiece or microscope with a scale readable to 0.0001 inch. (use for checking sieves finer than No. 8)
2. An eyepiece, microscope or caliper with a scale readable to 0.001 inch or 0.01 mm. (use for checking No. 8 and coarser sieves)

Procedures

1. Select an adequate number of individual sieve openings (usually 3 or 4) along a 45 degree line. Measure and record the sieve opening to verify that the size opening indicated on the label is correct.
2. Rotate the sieve 90 degree and repeat 1.
3. Inspect the general condition of the sieve. Check the frame and solder joints for cracks or holes. Also check for pin holes in the finer sieves.
4. Check for tightness of the wires on each individual sieve.

State of Louisiana

Department of Transportation and Development

Verification of Sieve Dimensions and Condition Verification Procedure DOTD A7

Verification Frequency: 6 Months

Previous Verification Date:

Date of Verification:

Next Verification Due:

Identification No.:

Mfg./Distrib.:

Label Designation Type:

Measurement Designation: In/mm

Verified By:

Verification Equip. Used:

Sieve Opening Measurement/Fine Sieve

No. 16	No. 20	No. 30	No. 40	No.50	No.100

Wire cloth mounted on frame without distortion, looseness, or waviness? _____ (Y/N)

Are frames stainless or brass? _____ (Y/N)

Action recommended: Repair _____ Replace _____ None _____

Comments: _____