

LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT VERIFICATION PROCEDURE

MECHANICAL HAMMER (ASPHALTS) (T-245 AND D-1559)

Equipment

1. Balance readable to 1 gram or 0.01 lb.
2. Ruler readable to 1 mm or 1/32 inch and at least 18 inches in length.
3. Caliper with scale readable to 0.001 inch or 1 mm.

Procedure

1. Disassemble hammer. Weigh and record the weight of the hammer drop. If the hammer drop meets specifications, reassemble the hammer. If the hammer drop doesn't meet specifications, discontinue use of it until it meets specifications.
2. Measure and record the diameter of the flat tamping face.
3. Measure the actual distance of the hammer drops with the hammer in actual operating condition with mold and specimens or dummy specimens.
4. Check that the hammer is anchored firmly to the pedestal.
5. Check that the pedestal is firmly anchored in place.
6. Check the type of materials the pedestal is anchored to and record.
7. Check and record the overall condition of the equipment.