

IN-HOUSE PROCEDURE

PROCEDURE FOR VERIFYING MECHANICAL SPLITTER

Item: Mechanical Splitter

Purpose:

This method provides instructions for checking the critical dimensions of a mechanical sample splitter.

Inspection Equipment Required:

1. Calipers or a ruler readable to 1 mm.

Tolerance:

Equipment shall meet the dimensional tolerances specified in the applicable test method.

Procedure:

FINE AGGREGATE SPLITTER

1. Count the number of openings. There should be an even number of chutes, numbering at least 12.
2. Measure and record the width of each chute. Chutes should be at least 50% larger than the maximum aggregate size used in the splitter.

COARSE AGGREGATE SPLITTER

1. Count the number of openings. There should be an even number of chutes, numbering at least 8.
2. Measure and record the width of each chute. Chutes should be approximately 50% larger than the maximum aggregate size used in the splitter.