

IN-HOUSE PROCEDURE # _____

PROCEDURE FOR VERIFYING MECHANICAL SPLITTER

Item:

Mechanical Splitter

Purpose:

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

Inspection Equipment Required:

1. Ruler readable to at least 1/16 inch or 1 mm and capable of measuring the overall length of the chutes.

Tolerance:

Equipment shall meet the dimensional tolerances specified.

Procedure:

FINE AGGREGATE SPLITTER

1. Count the number of openings. There should be an even number of chutes, numbering at least 12.
2. Measure one random chute opening width. Verify that all chute openings are approximately the same width.
3. Maximum chute opening allowed is 3/4 inch.
4. Check the length of the hopper or straight-edged pan. It should be equal to or slightly less than the overall width of the chutes.

COARSE AGGREGATE SPLITTER

1. Count the number of openings. There should be an even number of chutes, numbering at least 8.
2. Measure one random chute opening width. Verify that all chute openings are approximately the same width.
3. If adjustable, chutes should be set to approximately 50% larger than the largest particles in the sample.
4. Check the length of the hopper or straight-edged pan. It should be equal to or slightly less than the overall width of the chutes.