

IN-HOUSE PROCEDURE # _____

PROCEDURE FOR VERIFYING CAPPING PLATES

Item:

Capping Plate

Purpose:

This method provides instructions for checking the critical dimensions and planeness of a capping plate.

Inspection Equipment Required:

1. Ruler or caliper readable to 0.05 in. (1 mm) or better.
2. Straight-edge
3. Feeler gauge 0.002 in. (0.05 mm) for 6 inch plates
4. Feeler gauge 0.0015 in. (0.04 mm) for 4 inch plates

Tolerance:

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

Procedure:

1. Measure the base thickness of the capping plate.
2. Measure the width of the capping plate.
3. Place the straight-edge in contact with the capping surface. Attempt to slide the appropriate feeler gauge between the capping plate and the straight-edge. If this can be done, the capping plate is not plane.
4. Inspect plate for gouges, groves, or indentations greater than the allowed tolerance.