

## IN-HOUSE PROCEDURE # \_\_\_\_\_

### PROCEDURE FOR VERIFYING BEVELED STRAIGHTEDGE

Item:

Beveled Straightedge

Purpose:

This method provides instructions for checking the critical dimensions, condition and planeness of a beveled straightedge.

Inspection Equipment Required:

1. Ruler readable to 0.05 in. (1 mm) or better
2. Straight-edge at least 10 in. (250 mm) in length
3. Feeler gauge 0.01 in. (0.25 mm)

Tolerance:

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

Procedure:

1. Measure the length of the straightedge using a ruler.
2. Place the straightedge along the flat edge of the bevel. If the feeler gauge can be inserted between the flat edge of the bevel and the straightedge at any point along the length, the surface is not plane.
3. Inspect the sharpness of the trimming edge. If the straightedge requires sharpening, sharpen and repeat planeness check.