

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

### PROCEDURE FOR VERIFYING BEAM MOLD

Item:

Beam Mold

Purpose:

This method provides instructions for checking the critical dimensions and straightness of a beam mold.

Inspection Equipment Required:

1. Ruler readable to 1/16 inch (1 mm) or better
2. Straight-edge at least 12 inches (305 mm) in length
3. Hex Key - 1/16 in. (1.5 mm) for beams less than 6 in. (152 mm) in width
4. Hex Key - 1/8 in. (3 mm) for beams 6 in. (152 mm) or more in width

Tolerance:

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

Procedure:

1. Measure the inside width of the beam mold with the ruler.
2. Measure the inside depth of the beam mold using the ruler.
3. Measure the inside length of the beam mold with the ruler.
4. Determine the ratio of width to depth.
5. Place the straight-edge along the inside length surfaces of the beam mold. Try to pass the appropriate hex key between the straight-edge and the beam surface. If the hex key will pass, the beam is not straight and true and shall not be used.