

GYRATORY COMPACTOR VERIFICATION PROCEDURE #44

Revised March 26, 2002

Equipment Checked: GYRATORY COMPACTOR (AASHTO T 312)

Purpose:

This method provides instructions for verifying ram pressure, angle of gyration, gyration frequency and height.

Inspection Equipment Required:

1. Gyratory compactor performance verification kit.

Tolerance:

Refer to AASHTO T 312

Procedure:

Refer to AASHTO T 312 and Troxler Model 4140 Gyratory Compactor instruction manual. The Troxler manual outlines the procedures for calibrating the ram pressure, angle of gyration, gyration frequency and height.

EQUIPMENT CALIBRATION RECORD

Calibration Procedure No. 44 Gyrotory Compactor (AASHTO T 312)

Date:	Calibrated by:
Previous Calibration Date:	Next Due:
ID No.:	
Frequency: 6 Months	
Calibration Equipment	Serial Number
Gyrotory compactor verification kit	
Comments:	

Pressure Calibration:

System Load Cell:

Calibration Load Cell:

Height Calibration

Height Actual:

Height Measured:

Pressure:

Mold Size:

Angle Calibration:

Measured:

Pressure:

Mold Size:

Rotation Calibration:

Target:

Measured:

4/1/2002