

May 29, 2009

## **SEFA-8-M-2007 TESTS**

Performed For:

**Jamestown Metal Products  
178 Blackstone Avenue  
Jamestown, NY 14701**

### **8.0 Tables**

#### **8.1 Description of Test Unit:**

**Model Number: TBH-6024**

#### **8.2 Table Static Load**

##### **8.2.1 Purpose of Test**

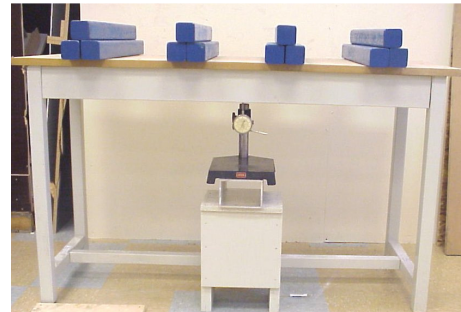
The test challenges the table components to loads that are used in the laboratory.

##### **8.2.2 Test Procedure**

A dial indicator was placed under the front apron rail of the table and adjusted to zero. The table was then loaded using 600 pounds (272.16 Kg) of solid steel bars, each weighing 50 pounds (22.68 Kg) (Figure 1). The deflection of the front frame rail was measured with the load in place.

##### **8.2.3 Acceptance Level**

**There was no indication of structural damage from application of the load. Deflection of the front frame rail = 0.056 (1.422 mm) which is less than the maximum allowed (1/8", 3.175 mm).**



**Figure 1**

## 8.3 Table Racking

### 8.3.1 Purpose of Test

The test demonstrates the structural integrity of the table construction when subjected to racking load.

### 8.3.2 Test Procedure

A top, with a block on the underside to prevent it from sliding, was placed on the table and the table was positioned at a 45° angle, with one pair of legs on the floor and the other raised and supported (Figure 2). The table remained in that position for 30 minutes. The table was then lowered and the procedure was repeated on the opposite end.

### 8.3.3 Acceptance Level

**When returned to normal position, there was no sign of permanent damage.**



**Figure 2**

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