



# **MATERIAL TESTING LABORATORIES, INC.**

CONSULTING ENGINEERS

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## **LABORATORY REPORT**

CLIENT: DesLauriers, Inc.  
PO Box 189  
Bellwood, IL 60104

PROJECT: Steel Rail Base Test  
Guardrail System

DATE TESTED: 01/17/06

MTL REPORT NO: 066295-01

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Dear Mr. Minor

As requested, MTL observed testing of a temporary jobsite steel rail base; so as to conform to regulation standards – 29CFR; 1926.502, Fall protection systems criteria and practice.

### **TEST**

Test(s) consisted of two(2) 2 x 4's inserted into metal base as a vertical beam. Base was secured in place using six (6) 3/8" bolts with 1" diameter washers. Force was exerted against beam in an outward direction at a point 2" from the top of the beam. Force was applied incrementally until load exceeded the 200 pound requirement.

Base was then reversed 180 degrees to allow testing in an outward direction on the opposite side of Steel Safety Base. Force was again exerted against beam in an outward direction at a point 2" from the top of the beam. Force was applied incrementally until load exceeded the 200 pound requirement

A total of four (4) tests were performed on each unit tested.

### **Test Results**

Examination of the Steel Safety Base after testing demonstrated the Steel Safety Base met and exceeded the Federal OSHA requirement 1926.502(b)(3).

Respectfully submitted,  
MATERIAL TESTING LABORATORIES, INC.  
Joseph Z. Khakshour