



**NATIONAL TESTING STANDARDS INC.**  
RESEARCH AND TESTING LABORATORIES

SH114  
SH124

**Report No. 30204-2**

December 7, 2009

**Client:** Jensen Swing Products, Inc.  
9327 Wheatlands Rd.  
Santee, CA 92071

**Reference:** Charvet Vecchio

**Subject:** Breaking Load of Swing Hanger.

**Sample Description:**

One completely assembled swing hanger was submitted by the Client and identified as part no. SH114 P.O. No. 6299, made in China.

**Request:**

Determine the ultimate tensile load capacity of the submitted assembly.

**Method:**

The ultimate tensile load capacity was determined using a continuous rate of extension (CRT) apparatus in accordance with ASTM D-76 and loading the swing assembly to failure.

**Results:**

The failure of the submitted assembly occurred at 9250 lbs. of load when the small yoke broke around the sintered bronze bearing.

**Comment:**

The broken yoke has been returned to the Client.

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by Lewis F. West