



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

Report No. 21651-15

June 15, 1987

Client: Jensen Enterprises  
1330 Fayette Street  
El Cajon, California, 92020

Reference: Mr. Chuck Ciruolo

Subject: Testing of Playground Equipment

Sample Description:

The Client submitted and identified three all metal standard tire swivels, further identifying them as model number A120.

Request:

Proof load the submitted specimens to five thousand pounds of force in the manner indicative of their end-use.

Method:

The submitted specimens were proof loaded to five thousand pounds to or failure using a universal tensile testing machine manufactured by United Calibration and an autographic recording device.

Results:

Ultimate Tensile Load  
in-use condition.....>5000 pounds

NATIONAL TESTING STANDARDS

by John W. Innis

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