



NATIONAL TESTING STANDARDS INC.
RESEARCH AND TESTING LABORATORIES

Report No. 21651-19

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 2-3/8" diameter pipe type of swing hangers, *DUCTILE* further identifying them as model number SH115.

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 or to 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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