



Test Report

Number : TWNH00018745

Applicant: Build Ray Enterprise Co., Ltd.
No 225, Congxue 1st ST., South Dist,
Taichung City 40242, Taiwan.

Date : Aug 26, 2010

Sample Description:

One (1) group of submitted samples said to be:

Item Name : Healthy Easy AB Queen

Item No. : BR-2220

Vendor/Manufacturer : Build Ray Enterprise Co., Ltd.

Country of Origin : Taiwan

Goods Exported to : Germany

Date Sample Received : Aug 12, 2010 / Aug 24, 2010

Date Test Started : Aug 12, 2010 / Aug 24, 2010

Tests Conducted:

As requested by the applicant, for details please refer to attached pages.

Conclusion:

<u>Test Sample</u>	<u>Standard</u>	<u>Result</u>
Submitted Sample	Physical and mechanical test	Pass
Class H	- EN 957-1 : 2005	
Submitted Sample	Static load test	See test
	- As per applicant's request	conducted
Submitted Sample	Endurance test	See test
	- As per applicant's request	conducted

Authorized by:

On Behalf of Intertek Testing Services
Taiwan Limited



Paul Yu
Director

Test Conducted

1. Physical & Mechanical Test

As per applicant's request with reference to EN 957-1 : 2005 european standard specification general safety requirements and test methods for strength training equipment.

Clause	Testing items	Assessment
5	Safety requirement	
5.1	Stability of free-standing equipment	P
5.2	External construction	
5.2.1	Edges	P
5.2.2	Tube ends	P
5.2.3	Squeeze, shear, rotating and reciprocating points within the accessible area	P
5.2.4	Weights	NA
5.3	Equipment access and escape	P
5.4	Adjustment and locking mechanisms	P
5.5	Ropes, belts and chains	
5.5.1	General	NA
5.5.2	Wire ropes and pulleys	
5.5.2.1	Wire ropes shall be made of galvanized or corrosion-resistant wires	NA
5.5.2.2	The shape and endurance test of the pulley	NA
5.5.2.3	Ferrules of wrought aluminum alloys	NA
5.5.3	Rope and belt guides	NA
5.6	Pull in points	NA
5.7	Gripping positions	
5.7.1	Integral handgrips	NA
5.7.2	Applied handgrips	P
5.7.3	Rotating handgrips	NA
5.8	Electrical safety	NA
7	Care and maintenance	P
8	Assembly instructions	P
9	General instructions for use	P
10	Marking	P

Remarks: P = Pass ; NA = Not applicable

Test Conducted

2. Static Load Test

Apparatus:

Equipment : Universal Testing Machine
Manufacturer : Hung Ta Instrument Co., Ltd.
Model Number : HT-9102
Date of Calibration : Dec. 15, 2009

Laboratory Ambiance Condition:

Temperature : 24 ~ 26 °C
Humidity : 55 ~ 65 %RH

Reference Document:

The test was performed as per applicant's request.

Peripheral Setup Diagram:

Sample size: One piece



Setup picture



Setup picture

Test Conducted

2. Static Load Test

Test Procedure:

- Setup the test sample on the test plane according to applicant's request.
- Apply the test load on the handle in the downward direction and on the backrest until the test load of 100 kg has been reached then check the test sample. (According to applicant's requirement the maximum user weight is 100 kg.)
- Visual observation was made for any damage or malfunction of test sample after test.

Summary:

After test, no damage or malfunction was found on the test sample.

Photos After The Test:



Test Conducted

3. Endurance Test

Laboratory Ambiance Condition:

Temperature : 24 ~ 26 °C
Humidity : 55 ~ 65 %RH

Reference Document:

The test was performed as per applicant's request.

Peripheral Setup Diagram:

Sample size: One piece



Setup picture

Test Procedure:

- Actual use for 12000 cycles.
- Visual observation was made for any damage or malfunction of test sample after test.

Summary:

After test, no damage or malfunction was found on the test sample.

Photos After The Test:



Number: TWNH00018745



End of report