

# TEST REPORT

# SABS

Mann Designs  
Po Box 1707  
Honeydew  
2040

Your ref : Cash  
Our ref : DM127  
Enquiries : JJ van der Merwe  
Tel no : (012) 428-7029  
Report no : 2527/DM127  
Page : 1 of 3  
Date : 2010-08-01

## TESTING OF STIRRUPS ACCORDING TO CLIENTS REQUEST

### 1. SUMMARY

The Mechanical & Fluids laboratory at SABS Commercial (Pty) Ltd received a request from a company MANN DESIGNS to perform proof loading test on their samples The test was conducted in accordance with the client's request.

### 2. DESCRIPTION OF SAMPLE

The following samples were submitted by Mr. Darrel on behalf of Mann designs.

<u>Sample No.</u>	<u>Quantity</u>	<u>Sample Description</u>
DM127	3	Stirrups

### 3. SAMPLE SUBMITTED

The samples were received in good condition and were suitable for testing.

Date sample received : 2010-07-25  
Test start date : 2010-08-01  
Test completion date : 2010-08-02

### 4. TEST REQUESTED

It was requested that tensile testing be performed on the 3 stirrup samples

### 5. METHODS OF TESTING

Method used was as follows:

The samples were mounted in the tensile test rig.  
The tensile force was steadily increased until destruction occurred.  
Maximum force at which destruction occurred was recorded.

### 6. CONDITIONING AND TEST ENVIRONMENT

There were no specified conditioning and test environment for this testing.

### 7. SUB CONTRACTING OF LABORATORIES

SABS Commercial Mechanical & Fluids Laboratory performed all tests.

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This test was performed by SABS Commercial (Pty) Ltd. This report and the test results relate only to the specific samples(s) identified herein. They do not imply SABS approval of the quality and/or performance of the item(s) in question and the test results do not apply to any similar item that has not been tested. (Refer also to the complete conditions printed on the back of this page.)

Client: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Test No: \_\_\_\_\_  
 Page: \_\_\_\_\_  
 Date: \_\_\_\_\_

Main Engineer: \_\_\_\_\_  
 Test No: \_\_\_\_\_  
 HE No: \_\_\_\_\_  
 SNO: \_\_\_\_\_

The acceptance of an item for test and the issue of a test report are subjected to the SABS's CONDITIONS OF TEST\*, from which the following have been extracted:

1. If published or reproduced by the client, a test report shall be reproduced **in full**, i.e. the reproduction shall contain the printed as well as the typed parts of the report, nothing excepted. In special circumstances an abridged form of the report or certain parts of the report may be published or reproduced, provided that the abridged form or partial version of the report is approved in writing by the President and CEO of the SABS before publication or issue.
2. A test report relates only to an item submitted for the actual test. It furnishes or implies no guarantee whatsoever in respect of a similar item that has not been tested.
3. The performance of a test and the issue of a test report do not imply approval by the SABS of the quality and/or performance of the item that has been tested. This does not authorize the use of a certification mark.

**NOTE** - An unlawful statement implying that an item has been approved by the SABS constitutes a punishable offence in terms of section 21(1) of the Standards Act.

4. While every endeavour will be made to ensure that a test is representative and accurately performed, and that a report is accurate in the quoted results and conclusions drawn from the test, the SABS or its officers shall in no way be liable for any error made in carrying out the test or for any erroneous statement, whether in fact or in opinion, contained in a report issued pursuant to a test.

\*Obtainable upon request from the President and CEO, SABS, Private Bag X191, Pretoria, 0001.

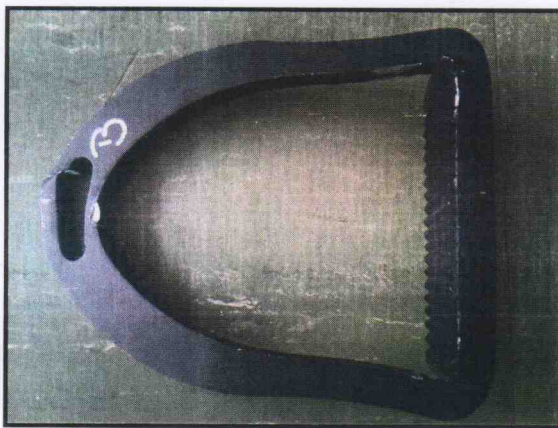
**8 RESULTS**

**Destruction test on sample a.**



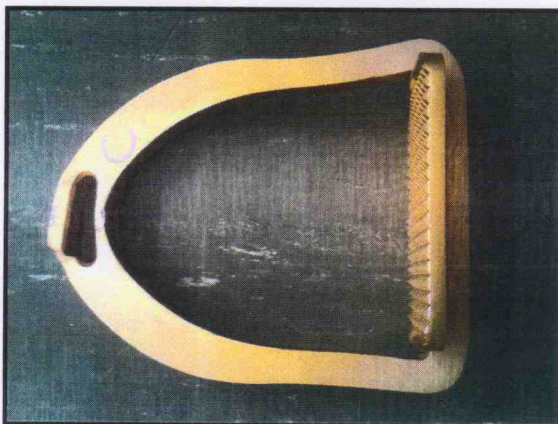
Destruction occurred at 2401,4 kg

**Destruction test on sample b.**



Destruction occurred at 2973,8 kg

**Destruction test on sample b.**



Destruction occurred at 2789,5 kg

