

COCHRANE STEEL PRODUCTS (PTY) LTD.
 Att: Mr. John van Niekerk
 PO BOX 1337
 ISANDO
 1600

Your ref :
 Our ref : YM 139.stlwr
 Enquiries : T.H Selelo
 ☎ : (012) 428 6647
 Report N° : 2536/YM139
 Page : 1 of 2
 Date : 2006 – 07 – 18

**TENSILE AND BREAKAWAY TESTS
 (Revised Report)**

1 SUMMARY

The sample was tested according to the client's request. Refer to clause 8 for the details of the tests performed and to clause 9 for a summary of the results.

2 DESCRIPTION OF SAMPLE

The sample consisted of the following steel wires, which were submitted by Mr. John Van Niekerk on behalf of COCHRANE STEEL PRODUCTS:

Specimen	Description
A ₁ , A ₂ , A ₃ , A ₄ , A ₅	4 mm Welded Steel Wires

3 SAMPLE SUBMITTED

The sample was received in good condition and suitable for testing.

Date sample received : 10 – 08 – 2005
 Test commencement date : 23 – 03 – 2006
 Test completion date : 23 – 03 – 2006

4 TEST REQUESTED

To test the sample submitted for compliance with the test requested by the client.

5 METHODS OF TESTING

Methods used according to the client's request.

6 CONDITIONING AND TEST ENVIRONMENT

23 ± 2°C, 50 ± 5% relative humidity.

7 SUB CONTRACTING OF LABORATORIES

All tests were performed at SABS Mechanical Testing Laboratory.

8 RESULTS**8.1 TENSILE TEST.****8.1.1 Tensile test on weld.**

Specimen	Breaking Force As Supplied By COCHRAN STEEL PRODUCTS	Highest Load Achieved At SABS	Highest Load Achieved In Percentage %
A ₁	5.880	5.658	96.224
A ₂	5.920	4.798	81.047
A ₃	5.900	4.483	75.983
A ₄	5.980	4.958	82.910
A ₅	6.010	5.029	83.677

9 CONCLUSION

The sample was tested according to the client's request.

Tested sample will be disposed if not collected within a period of 3 month of the day of this report.

T.H Selelo
T.H Selelo

J Mans
J Mans

TEST OFFICER: MECHANICAL TESTING

TEAM LEADER: MECHANICAL TESTING

This test was performed by SABS Commercial (Pty) Ltd.
This report relates only to the specific sample(s) tested as identified herein. It does 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 official test reports.)

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.