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Contact: Marc Mathieu

• Our details

Report no.: 61/60336309/ 2 03 112 resumé

Contract ref.: 2098340

• Your details

Ref.: Your mail 04/01/2012

• Intervention data

Place: labo AIB-Vinçotte International laboratory

Date: January – February 2012

Performed by: Roland Gregoire, Marc Mathieu

Jomy s.a.
Rue Bourgogne 20
B-4452 Juprelle (Wihogne)

TESTS ON A ALFIX LADDER.

1. Purpose of our examination

As requested by your departments, we carried out:

the tests and examinations as stipulated in the standards EN ISO 14122-4 (Safety of machinery – Permanent means of access to machinery – part 4: Fixed ladders) and NF E85-016 (Permanent means of access – fixed ladders) on one element of a ladder type Alfix from the company Jomy.

2. Conclusion

The Alfix ladder is conform with the tests and examinations of the standard EN ISO 14122-4.

The Alfix ladder is conform with the tests and examinations of the standard NF E85-16

3. Notes

3.1. This report is a resumé of report 61/60336309/ 2 03 112r, in which you find the details of these tests.

3.2 This report cannot be copied, unless in full, without permission from AVI.

3.3 The test results relate only to those items tested.

3.4 This report is a translation. In case of any difference the wording of the French original report and annexes prevails

Marc Mathieu

Date: 14/03/2012

Number of pages: 2

Appendix:

Distribution: or.

cc.

For the Director



4. Results

<u>Description</u>	<u>Measured</u>	<u>Permitted</u>	<u>Conclusion</u>
Verification of conformity with EN ISO 14112-4 et NF E85-016			OK
Strength test of stiles (5.2 - EN131-2:2010)	0 mm	2.79 mm	OK
	1 mm	2.79 mm	OK
Bending test of the stiles (5.3 - EN131-2:2010)	20 mm	29.96 mm	OK
	19 mm	29.96 mm	OK
Lateral deflection test of the ladder (5.4 - EN131-2:2010)	7 mm	12.24 mm	OK
Bottom stile ends test (5.5 - EN131-2:2010)	0 mm	2 mm	OK
	1 mm	2 mm	OK
Vertical load on rungs, steps and platforms (5.6 - EN131-2:2010)	0 mm	3 mm	OK
Torsion test of rungs and steps (5.7 - EN131-2:2010)	0.9 mm	1 mm	OK
Torsion on ladder length (5.15 - EN131-2:2010)	3.5°	18°	OK
	2.9°	18°	OK
Test on safety cage (EN ISO 14112-4 – 4.2.1.2 / NF E85-016 – 4.3.2) Vertical test (1000N)	8mm	10mm	OK
	Horizontal test (500N)	1mm	10mm
Test on stile (EN ISO 14112-4 – 4.2.2 / NF E85-016 – 4.3.2) After 6000N			OK