



漢達亞洲有限公司  
**HCL Asia Ltd.**

香港沙田火炭山尾街43-47號環球工業中心6樓14室  
Unit 14, 6/F., Worldwide Industrial Centre, 43-47 Shan Mei Street, Fotan, Shatin, Hong Kong

[www.hcl-asia.com.hk](http://www.hcl-asia.com.hk)

T: +852 27420018

F: +852 27420053

[info@hcl-asia.com.hk](mailto:info@hcl-asia.com.hk)

## TEST REPORT

**No. TR-090XX**

**Date: 7-Jan-09**

**To :** **ABC Ltd.**  
Unit 123, Tower A, ABC Centre  
999 ABC Street  
Hong Kong

The following sample was submitted by **ABC Ltd** as:

**Sample tested: 100% genuine leather jacket (black color)**

Buyer: XXX

Country of origin: India

Sample receiving date: 6 Jan 2009

Test performing date: 7 Jan 2009

No. of unit(s) tested: one

Test performed: selected test(s) as requested by applicant

Tested by: Henri Lui

Test results: refer to the next page(s)

*For and on behalf of*  
HCL Asia Limited

\_\_\_\_\_  
Authorized signature

**Test Specifications:**

Brand of needle detector used:	QMAX (model: NF-1)
Metal signal display method:	digital / numeric (0-100%)
Detection method:	magnetic induction
Detection aperture:	650mm width / 100mm height
Conveyor belt speed:	32 m / min
Sensitivity performance:	0.8mm Fe

**Referent facts:**

- average metal signal of 1.0mm ferrous sphere = 90%
  - average metal signal of 0.8mm ferrous sphere = 45%
1. product to be regarded "A or excellent" if its metal signal is below 10%
  2. product to be regarded "B or good" if its metal signal is between 10% - 20%
  3. product to be regarded "C or fair" if its metal signal is between 20% - 30%
  4. product to be regarded "D or poor" if its metal signal is between 30% - 50%
  5. product to be regarded "E or very poor" if its metal signal is between 50% - 90%
  6. product to be regarded "FAILED" if its metal signal is over 99%

**Test results:**

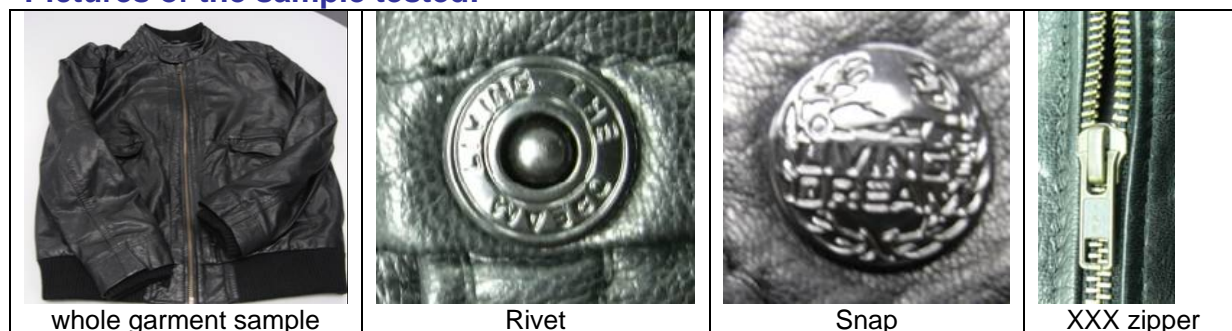
Tested items	Test result	Metal signal grading
Polybag	PASS	Excellent
Plastic hanger	PASS	Excellent
Snap (code: F8888ZS-011)	PASS	Excellent
Rivet (code: F8888ZS-010)	PASS	Excellent
XXX zipper	PASS	Excellent
Whole garment sample (without trims)	FAIL	NIL

**Remarks:**

- All above items are tested individually. The whole garment sample was disassembled to perform the above tests.
- Each item is tested 10 times

**Comments:**

- The garment sample is of genuine leather jacket. The failure of the garment can be caused by the followings:
  1. Leather is of an organic material, which varies itself as a physical fact and can contain mineral substances
  2. Raw leather is treated chemically. In general, the chemicals being used might contain heavy metal elements which can vary.
  3. The garment sample is colored in black. In general, black pigment dyestuff can be the cause of high metal signal.

**Pictures of the sample tested:**

whole garment sample

Rivet

Snap

XXX zipper

\*\*\*\*\* End of Report \*\*\*\*\*