



Test Report

No.T51510160282TC

Date: JAN 08, 2015

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SHENZHEN NEW DONG BO
METAL PRODUCTS CO.,LIMITED
NO.7, XINFENG ROAD, NIANFENG VILLAGE,
PINGDI TOWN, LONGGANG DISTRICT,
SHENZHEN CITY

The following samples were submitted and identified by/on behalf of the client as:

SWC+GOLD

Item No. : L371004814
P.O. / Ref. No. : LOT NO.20141104B01-01
Supplier : NEW DONG BO
Sample Receiving Date : JAN 05, 2015
Testing Period : JAN 05, 2015 TO JAN 08, 2015

Test Requested		Conclusion
1.	European RoHS Directive 2011/65/EU Annex II; recasting 2002/95/EC	PASS

***** FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) *****

Signed for and on behalf of
SGS-CSTC Standard Technical Services Co., Ltd.
Shenzhen Branch-Toy laboratory

Feng Shaohong, Jessica
Senior Technical Manager



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Results:

1. EU Directive 2011/65/EU (RoHS, Previously 2002/95/EC) - Wet Chemical

Method: With reference to IEC 62321: 2008, IEC 62321-4:2013, IEC62321-5:2013

For Lead, Cadmium and Mercury, analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES) / Atomic Absorption Spectrometer (AAS)

For Hexavalent Chromium, analysis was performed by Ultraviolet Visible Spectrophotometer (UV-Vis)

Test Item(s)	Result (mg/kg)		MDL (mg/kg)	Permissible Limit (mg/kg)
	1			
Lead (Pb) (Pb)	ND		2	1000
Cadmium(Cd) (Cd)	ND		2	100
Mercury (Hg) (Hg)	ND		2	1000
Hexavalent Chromium (CrVI) by boiling water extraction (Cr(VI))	Negative		See Note	#
Comment	PASS		--	--

Specimen Description:

1. Golden metal spring (20141104B01-01)

- Note:
- mg/kg = milligram per kilogram
 - MDL = Method Detection Limit
 - ND = Not Detected (lower than MDL)
 - Negative = Absence of Cr(VI) coating,
 - Positive = Presence of Cr(VI) coating.
(The detected concentration in boiling-water-extraction solution is equal or greater than 0.02 mg/kg with 50 cm² specimen surface area.)
 - Storage conditions and production date of the tested sample are unavailable and thus results of Cr(VI) represent status of the sample at the time of testing
 - # Positive indicates the presence of Cr(VI) on the tested areas and result be regarded as conflict with RoHS requirement. Negative indicates the absence of Cr(VI) on the tested areas and result be regarded as no conflict with RoHS requirement.
 - The maximum permissible limit is quoted from the EU Directive 2011/65/EU Annex II



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Sample Photo:



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*** End of Report ***



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