

TEST REPORT

Report No.: LCS200820090AR

Date: 2020.09.04

Page 1 of 5

Applicant : Shenzhen Cablesvs Technology Limited
Address : FLAT/RM B 5/F GAYLORD COMMERCIAL BUILDING 114-118 LOCKHART
ROAD HK

Report on the submitted samples said to be:

Sample Name : wire rod
Trade Mark : N/A
Style No. : WSR ETH Cable
Testing Period : August 31, 2020 ~ September 04, 2020
Results : Please refer to next page(s).

TEST REQUEST	CONCLUSION
According to the customer's request, based on the performed tests on submitted sample, the result of Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium(Cr(VI)), content comply with the limit requirement as set of RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.	Pass

Signed for and on behalf of LCS





TEST REPORT

Report No.: LCS200820090AR

Date: 2020.09.04

Page 2 of 5

Results:

Tested part(s):

(1) Golden tinsel

Test method:

Lead(Pb) & Cadmium(Cd) Content:

With reference to IEC 62321-5:2013, by acid digestion and analysis was performed by inductively coupled plasma atomic emission spectrometer (ICP-OES)

Mercury(Hg) Content:

With reference to IEC 62321-4: 2013+AMD1:2017 CSV, by acid digestion and analysis was performed by inductively coupled plasma atomic emission spectrometer (ICP-OES)

Hexavalent Chromium(Cr(VI)) Content:

With reference to IEC 62321-7-1:2015, by alkaline digestion and analysis was performed by UV-visible spectrophotometer (UV-Vis)

Item	Unit	MDL	Results	Limit
			(1)	
Lead Content(Pb)	mg/kg	5	N.D.	1000
Cadmium Content(Cd)	mg/kg	5	N.D.	100
Mercury Content(Hg)	mg/kg	5	N.D.	1000
Hexavalent Chromium(Cr(VI))▼	ug/cm ²	0.10	N.D.	-

Note:

- The sample had been dissolved totally tested for Lead, Mercury and Cadmium.
- MDL = Method Detection Limit
- mg/kg = ppm
- LOQ = Limit of Quantification, The LOQ of Hexavalent chromium is 0.10 µg/cm²
- N.D.=Not Detected(<MDL or LOQ)
- ▼ = a. The sample is positive for Cr(VI) if the Cr(VI) concentration is greater than 0.13ug/cm². The sample coating is considered to contain Cr(VI)
b. The sample is negative for Cr(VI) if Cr(VI) is N.D.(concentration less than 0.10ug/cm²). The sample coating is considered a non- Cr(VI) based coating
c. The result between 0.10µg/cm² and 0.13µg/cm² is considered to be inconclusive, unavoidable coating variations may influence the determination
- Information on storage conditions and production date of the tested samples is unavailable and thus Cr(VI) results represent status of the sample at the time of testing
- Flow chart appendix is included.
- Photo appendix is included.

TEST REPORT

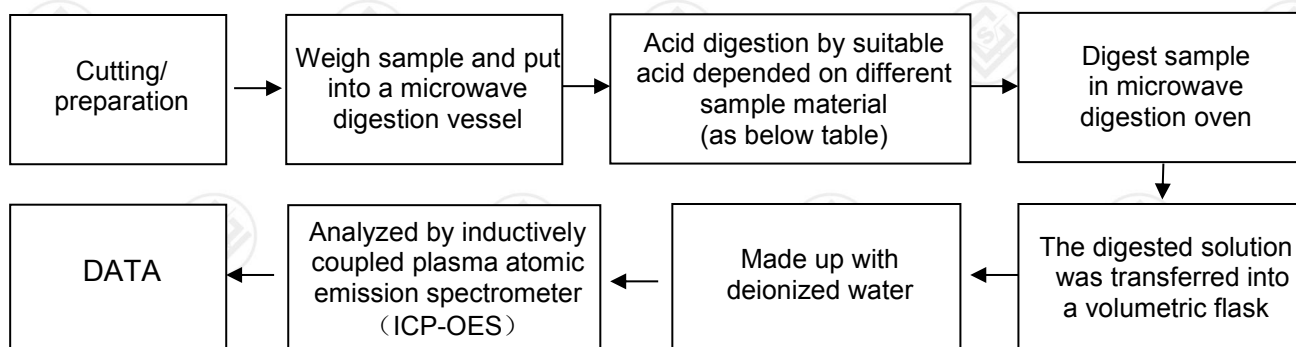
Report No.: LCS200820090AR

Date: 2020.09.04

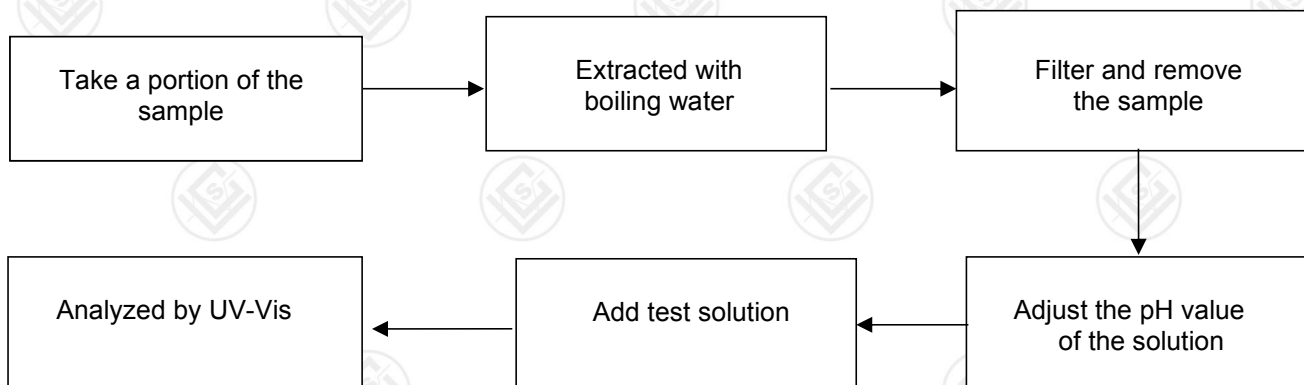
Page 3 of 5

Appendix

1. Test Flow chart for Cd/Pb /Hg content



2. Test Flowchart for Cr(VI) content (For metal material)



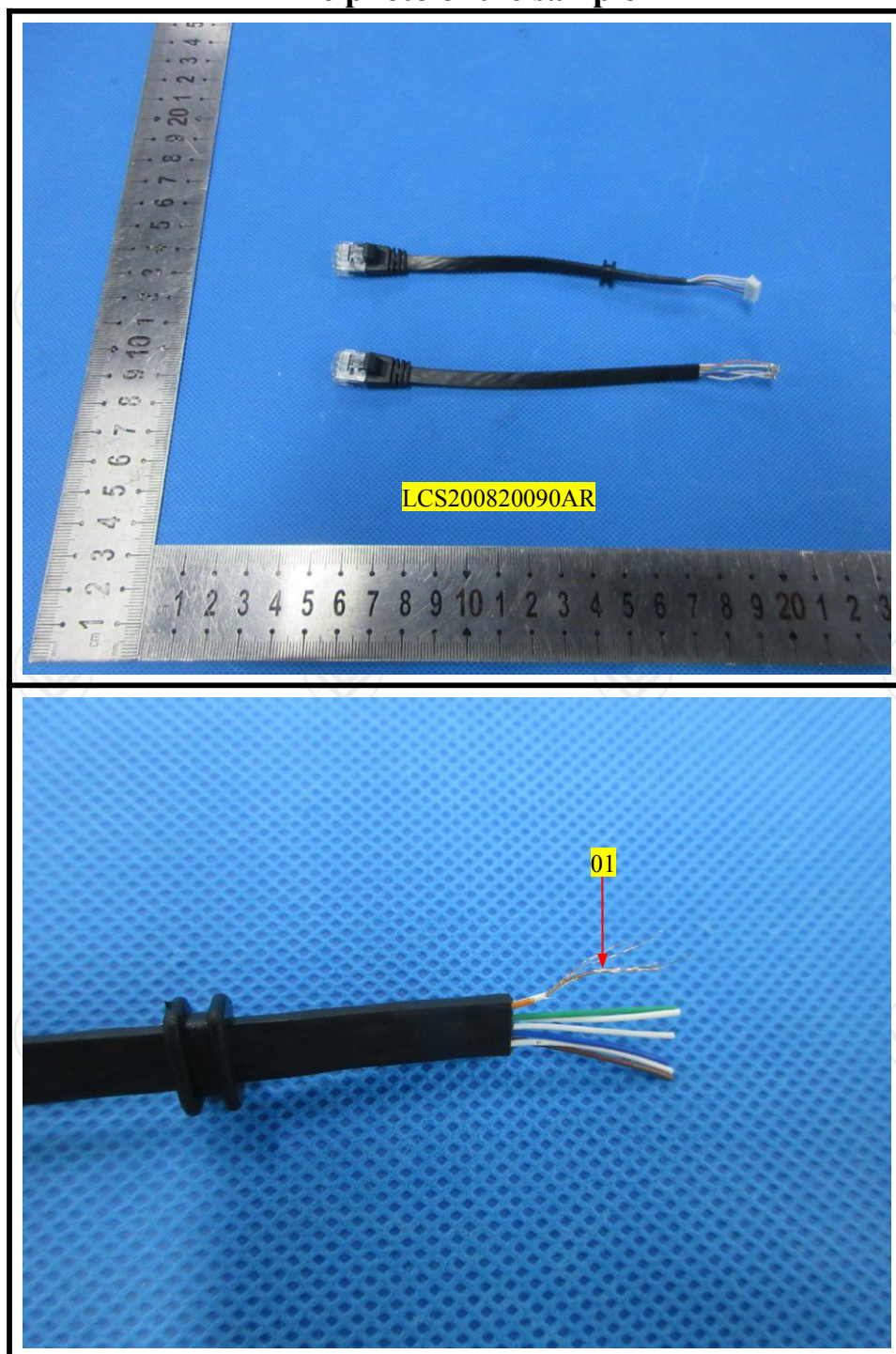
TEST REPORT

Report No.: LCS200820090AR

Date: 2020.09.04

Page 4 of 5

The photo of the sample



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

TEST REPORT

Report No.: LCS200820090AR

Date: 2020.09.04

Page 5 of 5

Statement:

1. The test report is considered invalidated without approval signature, special seal on the perforation.
2. The result(s) shown in this report refer only to the sample(s) tested.
3. Without written approval of LCS, this report can't be reproduced except in full.
4. The sample(s) and sample information was/were provided by the client who should be responsible for the authenticity which LCS hasn't verified.
5. In case of any discrepancy between the English version and Chinese version of the testing reports(if generated), the Chinese version shall prevail.