

## Test Report

No. CANEC0806184001

Date: 17 Nov 2008

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FORTUNE INDUSTRIAL SUPPLIES CO.,LTD.

UNIT E,2/F,KWAI SHUN INDUSTRIAL CENTRE 51-63 CONTAINER PORT ROAD KWAI CHUNG,N.T.  
HONG KONG

The following sample(s) was/were submitted and identified on behalf of the clients as :  
STITCHING WIRE

SGS Job No. : 11419116 - GZ  
Client Reference Information : Country of Origin: GERMANY  
Supplier : DRAFTWERK FRIDERS LOTTERS GMBH & CO.KG  
Date of Sample Received : 10 Nov 2008  
Testing Period : 10 Nov 2008 - 15 Nov 2008  
  
Test Requested : Selected test(s) as requested by client.  
Test Method : Please refer to next page(s).  
Test Results : Please refer to next page(s).  
Conclusion : A: Based on the performed tests on submitted sample(s), the results **comply with** the RoHS Directive 2002/95/EC and its subsequent amendments.

Signed for and on behalf of  
SGS-CSTC Ltd.



Huang Fang, Sunny  
Sr. Engineer

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## Test Results:

ID for specimen 1 : CAN08-061840.001  
Description for specimen 1 : Silvery plated metal wire

## A: RoHS Directive 2002/95/EC

| Test Item(s)   | Unit  | Test Method (Reference)                 | Result   | MDL | Limit |
|--|-------|---|----------|-----|-------|
| Cadmium (Cd)   | mg/kg | IEC 62321/2nd CDV (111/95/CDV), ICP-OES | N.D.     | 2   | 100   |
| Lead (Pb)  | mg/kg | IEC 62321/2nd CDV (111/95/CDV), ICP-OES | N.D.     | 2   | 1000  |
| Mercury (Hg)   | mg/kg | IEC 62321/2nd CDV (111/95/CDV), ICP-OES | N.D.     | 2   | 1000  |
| Hexavalent Chromium (CrVI) by boiling water extraction | -     | IEC 62321/2nd CDV (111/95/CDV), UV-Vis  | Negative | ◇   | #     |
| Sum of PBBs  | mg/kg | -                                       | N.D.     | -   | 1000  |
| Monobromobiphenyl                                      | mg/kg | IEC 62321/2nd CDV (111/95/CDV), GC-MS   | N.D.     | 5   |       |
| Dibromobiphenyl  | mg/kg | IEC 62321/2nd CDV (111/95/CDV), GC-MS   | N.D.     | 5   |       |
| Tribromobiphenyl                                       | mg/kg | IEC 62321/2nd CDV (111/95/CDV), GC-MS   | N.D.     | 5   |       |
| Tetrabromobiphenyl                                     | mg/kg | IEC 62321/2nd CDV (111/95/CDV), GC-MS   | N.D.     | 5   |       |
| Pentabromobiphenyl                                     | mg/kg | IEC 62321/2nd CDV (111/95/CDV), GC-MS   | N.D.     | 5   |       |
| Hexabromobiphenyl                                      | mg/kg | IEC 62321/2nd CDV (111/95/CDV), GC-MS   | N.D.     | 5   |       |
| Heptabromobiphenyl                                     | mg/kg | IEC 62321/2nd CDV (111/95/CDV), GC-MS   | N.D.     | 5   |       |
| Octabromobiphenyl                                      | mg/kg | IEC 62321/2nd CDV (111/95/CDV), GC-MS   | N.D.     | 5   |       |
| Nonabromobiphenyl                                      | mg/kg | IEC 62321/2nd CDV (111/95/CDV), GC-MS   | N.D.     | 5   |       |
| Decabromobiphenyl                                      | mg/kg | IEC 62321/2nd CDV (111/95/CDV), GC-MS   | N.D.     | 5   |       |
| Sum of PBDEs   | mg/kg | -                                       | N.D.     | -   | 1000  |
| Monobromodiphenyl ether                                | mg/kg | IEC 62321/2nd CDV (111/95/CDV), GC-MS   | N.D.     | 5   |       |
| Dibromodiphenyl ether                                  | mg/kg | IEC 62321/2nd CDV (111/95/CDV), GC-MS   | N.D.     | 5   |       |
| Tribromodiphenyl ether                                 | mg/kg | IEC 62321/2nd CDV (111/95/CDV), GC-MS   | N.D.     | 5   |       |
| Tetrabromodiphenyl ether                               | mg/kg | IEC 62321/2nd CDV (111/95/CDV), GC-MS   | N.D.     | 5   |       |
| Pentabromodiphenyl ether                               | mg/kg | IEC 62321/2nd CDV (111/95/CDV), GC-MS   | N.D.     | 5   |       |
| Hexabromodiphenyl ether                                | mg/kg | IEC 62321/2nd CDV (111/95/CDV), GC-MS   | N.D.     | 5   |       |
| Heptabromodiphenyl ether                               | mg/kg | IEC 62321/2nd CDV (111/95/CDV), GC-MS   | N.D.     | 5   |       |
| Octabromodiphenyl ether                                | mg/kg | IEC 62321/2nd CDV (111/95/CDV), GC-MS   | N.D.     | 5   |       |
| Nonabromodiphenyl ether                                | mg/kg | IEC 62321/2nd CDV (111/95/CDV), GC-MS   | N.D.     | 5   |       |
| Decabromodiphenyl ether ##                             | mg/kg | IEC 62321/2nd CDV (111/95/CDV), GC-MS   | N.D.     | 5   |       |

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### Note:

1. mg/kg = ppm
2. N.D. = Not Detected (< MDL)
3. MDL = Method Detection Limit
4. ## = The exemption of DecaBDE in polymeric application according 2005/717/EC was overruled by the European Court of Justice by its decision of 01.04.2008. Subsequently DecaBDE will be included in the sum of PBDE after 01.07.2008
5. ◇ = Spot-Test:  
 Negative = Absence of CrVI coating, Positive = Presence of CrVI coating;  
 (The tested sample should be further verified by boiling-water-extraction method if the spot test result is negative or cannot be confirmed.)  
 Boiling-water-extraction:  
 Negative = Absence of CrVI coating  
 Positive = Presence of CrVI coating; the detected concentration in boiling-water-extraction solution is equal or greater than 0.02 mg/kg with 50 cm<sup>2</sup> sample surface area.
6. # = Positive indicates the presence of CrVI on the tested areas.  
 Negative indicates the absence of CrVI on the tested areas.
7. "-" = Not regulated

### B: Halogen

| Test Item(s)  | Unit  | Test Method (Reference) | Result | MDL |
|---------------|-------|-------------------------|--------|-----|
| Fluorine (F)  | mg/kg | BS EN 14582:2007, IC    | N.D.   | 50  |
| Chlorine (Cl) | mg/kg | BS EN 14582:2007, IC    | N.D.   | 50  |
| Bromine (Br)  | mg/kg | BS EN 14582:2007, IC    | N.D.   | 50  |
| Iodine (I)    | mg/kg | BS EN 14582:2007, IC    | N.D.   | 50  |

### Note:

1. mg/kg = ppm
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Sample photo:



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

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