

### **Test Report**

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BOURNS INC. 1200 COLUMBIA AVE., RIVERSIDE, CA 92507-2114, U. S. A. 

### The following sample(s) was/were submitted and identified by/on behalf of the client as :

| Sample Description    | : | CHF SERIES BEO ON FLANGE |
|-----------------------|---|--------------------------|
| Sample Receiving Date | : | 2007/10/05               |
| Testing Period        | : | 2007/10/05 TO 2007/10/15 |

| Test Requested | : | In accordance with the RoHS Directive 2002/95/EC, and its amendment directives.   |
|----------------|---|---|
| Test Method    | : | With reference to IEC 62321, Ed.1 111/54/CDV<br>Procedures for the Determination of Levels of Regulated<br>Substances in Electrotechnical Products. |
|                |   | (1) Determination of Cadmium by ICP-AES.  |
|                |   | (2) Determination of Lead by ICP-AES.   |
|                |   | (3) Determination of Mercury by ICP-AES.  |
|                |   | <ul> <li>(4) Determination of Hexavalent Chromium for non-metallic<br/>samples by UV/Vis Spectrometry.</li> </ul>                                   |
|                |   | (5) Determination of PBB and PBDE by GC/MS.   |
| Test Result(s) | : | Please refer to next page(s).   |

Chenyu Kung / Operation Manager Signed for and on behalf of SGS TAIWAN LTD. Chemical Laboratory – Taipei

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Test results by chemical method (Unit: mg/kg)

| Test Item (s):                                    | Method     | Result | MDL |
|---|------------|--------|-----|
| Test Item (s):                                    | (Refer to) | No.1   |     |
| Cadmium (Cd)                                      | (1)        | n.d.   | 2   |
| Lead (Pb)   | (2)        | 64     | 2   |
| Mercury (Hg)                                      | (3)        | n.d.   | 2   |
| Hexavalent Chromium Cr(VI) by alkaline extraction | (4)        | n.d.   | 2   |
| Sum of PBBs                                       |            | n.d.   | -   |
| Monobromobiphenyl                                 |            | n.d.   | 5   |
| Dibromobiphenyl                                   |            | n.d.   | 5   |
| Tribromobiphenyl                                  |            | n.d.   | 5   |
| Tetrabromobiphenyl                                |            | n.d.   | 5   |
| Pentabromobiphenyl                                |            | n.d.   | 5   |
| Hexabromobiphenyl                                 |            | n.d.   | 5   |
| Heptabromobiphenyl                                |            | n.d.   | 5   |
| Octabromobiphenyl                                 |            | n.d.   | 5   |
| Nonabromobiphenyl                                 |            | n.d.   | 5   |
| Decabromobiphenyl                                 |            | n.d.   | 5   |
| Sum of PBDEs (Mono to Nona) (Note 4)              | (5)        | n.d.   | -   |
| Monobromobiphenyl ether                           |            | n.d.   | 5   |
| Dibromobiphenyl ether                             |            | n.d.   | 5   |
| Tribromobiphenyl ether                            |            | n.d.   | 5   |
| Tetrabromobiphenyl ether                          |            | n.d.   | 5   |
| Pentabromobiphenyl ether                          |            | n.d.   | 5   |
| Hexabromobiphenyl ether                           |            | n.d.   | 5   |
| Heptabromobiphenyl ether                          |            | n.d.   | 5   |
| Octabromobiphenyl ether                           |            | n.d.   | 5   |
| Nonabromobiphenyl ether                           |            | n.d.   | 5   |
| Decabromobiphenyl ether                           |            | n.d.   | 5   |
| Sum of PBDEs (Mono to Deca)                       |            | n.d.   | -   |

### **TEST PART DESCRIPTION:**

NO.1

: MIXED ALL PARTS

- Note : 1. mg/kg = ppm
  - 2. n.d. = Not Detected
  - 3. MDL = Method Detection Limit
  - 4. According to 2005/717/EC DecaBDE is exempt.
  - 5. "-" = Not Regulated
  - 6. The sample(s) was/were analyzed on behalf of the applicant as mixing sample in one testing. The above result(s) was/were only given as the informality value.

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