



## TEST REPORT

REPORT NO. JP/2006/050621

DATE: May 29th, 2006

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CLIENT : TAIYO ELECTRIC IND.CO.,LTD  
SAMPLE DESCRIPTION : Lead-free solder SF-B series  
CLIENT REF.NO. : TE05-SFB  
TESTING DATE : 2006/05/18 TO 2006/05/23  
SAMPLE RECEIVED : 2006/05/15

WE HAVE TESTED THE SAMPLE(S) SUBMITTED AS REQUESTED AND THE FOLLOWING RESULTS WERE OBTAINED.

| TEST ITEM(S)                                 | UNIT | RESULT | METHOD              | INSTRUMENT | DET. LMT (ppm) |
|--|------|--------|---------------------|------------|----------------|
| CADMIUM (Cd)                                 | ppm  | N.D.   | EPA 3051A           | ICP-AES    | 2              |
| CHROMIUM (Cr)                                | ppm  | N.D.   | EPA 3051A           | ICP-AES    | 2              |
| MERCURY (Hg)                                 | ppm  | N.D.   | EPA 3051A           | ICP-AES    | 2              |
| LEAD (Pb)                                    | ppm  | 230    | EPA 3051A           | ICP-AES    | 2              |
| CHROMIUM VI (Cr <sup>6+</sup> )              | ppm  | N.D.   | EPA 3060A           | UV-VIS     | 2              |
| <b>PBBs(Polybrominated biphenyls)</b>        | ---  | ---    | ---                 | ---        | ---            |
| Monobromobiphenyl                            | ppm  | N.D.   | Soxhlet Extraction. | GC/MS      | 5              |
| Dibromobiphenyl                              | ppm  | N.D.   | Soxhlet Extraction. | GC/MS      | 5              |
| Tribromobiphenyl                             | ppm  | N.D.   | Soxhlet Extraction. | GC/MS      | 5              |
| Tetrabromobiphenyl                           | ppm  | N.D.   | Soxhlet Extraction. | GC/MS      | 5              |
| Pentabromobiphenyl                           | ppm  | N.D.   | Soxhlet Extraction. | GC/MS      | 5              |
| Hexabromobiphenyl                            | ppm  | N.D.   | Soxhlet Extraction. | GC/MS      | 5              |
| Heptabromobiphenyl                           | ppm  | N.D.   | Soxhlet Extraction. | GC/MS      | 5              |
| Octabromobiphenyl                            | ppm  | N.D.   | Soxhlet Extraction. | GC/MS      | 5              |
| Nonabromobiphenyl                            | ppm  | N.D.   | Soxhlet Extraction. | GC/MS      | 5              |
| Decabromobiphenyl                            | ppm  | N.D.   | Soxhlet Extraction. | GC/MS      | 5              |
| <b>PBDEs(Polybrominated diphenyl ethers)</b> | ---  | ---    | ---                 | ---        | ---            |
| Monobromodiphenyl ether                      | ppm  | N.D.   | Soxhlet Extraction. | GC/MS      | 5              |
| Dibromodiphenyl ether                        | ppm  | N.D.   | Soxhlet Extraction. | GC/MS      | 5              |
| Tribromodiphenyl ether                       | ppm  | N.D.   | Soxhlet Extraction. | GC/MS      | 5              |
| Tetrabromodiphenyl ether                     | ppm  | N.D.   | Soxhlet Extraction. | GC/MS      | 5              |
| Pentabromodiphenyl ether                     | ppm  | N.D.   | Soxhlet Extraction. | GC/MS      | 5              |
| Hexabromodiphenyl ether                      | ppm  | N.D.   | Soxhlet Extraction. | GC/MS      | 5              |
| Heptabromodiphenyl ether                     | ppm  | N.D.   | Soxhlet Extraction. | GC/MS      | 5              |
| Octabromodiphenyl ether                      | ppm  | N.D.   | Soxhlet Extraction. | GC/MS      | 5              |
| Nonabromodiphenyl ether                      | ppm  | N.D.   | Soxhlet Extraction. | GC/MS      | 5              |
| Decabromodiphenyl ether                      | ppm  | N.D.   | Soxhlet Extraction. | GC/MS      | 5              |

NOTE : N.D. = not detected

<END>



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