

## **BRUMALL MFG PRINT, RoHS and REACH CERTIFICATE OF COMPLIANCE**

### **Declaration of Conformity to EU RoHS**

Products listed below that are manufactured by Brumall Manufacturing are in compliance with The European RoHS Directive 2002/95/EC, which restricts the following substances in electrical and electronic equipment. In addition, this declaration of conformity is issued under the sole responsibility of Brumall Manufacturing. Brumall Manufacturing does not use any of the Restricted Substances as components in its mechanical wire termination products except in some listed products that include permitted levels of lead (Pb) under the exemption Annex paragraph 6(a)(b)(c).

Lead (Pb) Exemption 6 free machining alloys for only parts listed "9 of 10"

Steel Alloys 0.35% by weight maximum

Copper Alloys 4% by weight maximum

Aluminum alloys 0.4% by weight maximum

Specifically, mechanical wire termination products manufactured do not contain the substances listed below in concentrations greater than the listed maximum value.

| Substance                              | Maximum Limit (ppm) |
|--|---------------------|
| Lead (Pb)                              | 1000                |
| Cadmium (Cd)                           | 100                 |
| Mercury (Hg)                           | 100                 |
| Hexavalent Chromium (Cr6+)             | 1000                |
| Poly Brominated Biphenyls (PBB)        | 1000                |
| Poly Brominated Diphenyl ethers (PBDE) | 1000                |
| Bis(2-Ethylhexyl) phthalate (DEHP)     | 1000                |
| Benzyl butyl phthalate (BBP)           | 1000                |
| Dibutyl phthalate (DBP)                | 1000                |
| Diisobutyl phthalate (DIBP)            | 1000                |

Products do not contain Deca Brominated Diphenyl Ether (Deca BDE) legislated under the provisions of the European Commission Decision of 13 October 2005 (2005/717/EC), and do not contain as intentional additives Perfluorocantylsulfonates (PFOS) legislated under the provisions of the European Parliament and Council Directive 2006/122/EC (30th amendment to EU Directive 76/769/EEC),.

### **REACH**

It is hereby certified that Brumall Manufacturing complies with the Registration Evaluation Authorization and Restriction of Chemicals (REACH) Directives to this extent: IHI is a manufacturer of articles. Brumall Manufacturing has taken the initiative to review itself and its suppliers for the (173) substances that are under consideration for treatment as Substances of Very High Concern (SVHC) candidates. Brumall Manufacturing has confirmed to the best of its belief, that its products do not contain any of the listed substances in concentration >0.1% weight per supplied article, substance or preparation weight.

**List of products that are Lead Free "10 of 10" RoHS & REACH compliant:**

|          |         |         |                      |
|----------|---------|---------|----------------------|
| 1/0-SR   | 2/0TP   | 350TP   | BTP2/0               |
| 1000L2   | 2/0TP-2 | 600L2   | 2-800T               |
| 1000LL2  | 250L2   | 600T-2  | 3-350L6 (3-350L2/L4) |
| 1000T    | 250-SR  | 600T-3  |                      |
| 1500LL2  | 250SR-1 | 600T-4  |                      |
| 2-1000L2 | 3-350T  | 600TP   |                      |
| 2-1000T  | 3-600T  | 800L2   |                      |
| 2-250L2  | 3/0T    | 800LL2  |                      |
| 2-350L2  | 300T-2  | 800T    |                      |
| 2-350TP  | 300TP   | 800T-2  |                      |
| 2-600L2  | 300TP-2 | 800T-3  |                      |
| 2-600TP  | 350L2   | 800T-4  |                      |
| 2-800L2  | 350T-2  | BS350TP |                      |

**List of products that are "9 of 10" RoHS & REACH compliant (permitted limited lead under exemption 6) :**

|              |                |              |              |
|--------------|----------------|--------------|--------------|
| 4-12,1,12    | 4-14,1,14      | 4-22,1,22    | 4-3,2        |
| 4-5,1,5      | 4-7,1,7        | 4-7,4        | 4-8,1,8      |
| 4-5,1,5-RS   | 4-7,1,7-RS     | 4-8,1,8-RS   | 4-12,1,12-RS |
| 6T           | GLA-4          | NEUTRAL YARD | GLC-4 DB     |
| 4-10,1,10    | 4-9,1,2,8,9-RS | 4-5,3        |              |
| 4-10,1,10-RS | 4-9,1,9-RS     | 4-9,3,7-RS   |              |

**Certificate of Conformance**

BRUMALL MFG further certifies that the parts shipped are made in conformance with materials and processes shown in the IHI sales catalog drawing provided to the customer at the time of order.

For Brumall Mfg.,

Rod Brumberg  
President  
Brumall Mfg.