



## APPLICATION OF THE DIRECTIVE OF RESTRICTION OF HAZARDOUS SUBSTANCES OF THE COUNCIL AND THE EUROPEAN PARLAMENT

- The restricted substance enclosed in the above mentioned normative and used in the manufacturing of our own equipments or used by our suppliers is lead. Basically, it affects to:
  - 1.1. Suppliers of electronic components: presence of lead in the terminals of certain components.
  - 1.2. Suppliers manufacturers of printed circuits boards: SnPb is used in the finishing end.
  - 1.3. Suppliers assembling components in printed circuits boards: lead is present in the tin alloys.
  - 1.4. In the final processes in our factory, tin alloys are used in pieces such as, for example, counterweights of certain level control for liquids. Lead has been substituted by stainless steel AIS304.

Our suppliers for these fields are doing the proper changes. In this way we advance you that the manufacturers of printed circuits boards can, on our request, make lead free the final end, with silver (silver bath LT 750-92).

The assembling companies are doing the proper changes in order to adapt their equipment to the new alloys based in SnAgCu, which will be also used by us in out internal operations.

Our suppliers of electronic components are increasing very fast the number of lead free components.

The equipments manufactured by Disibeint in which is used stainless steel, nickel alloys, titanium or titanium alloys do not contain hazardous substances such us Cd, Pb, Hg, Cr6 and Bi.

The plastic materials used in the manufacturing of our housings do not contain neither PBDE nor PBB.

The resines used in certain products of our own manufacturing do not contain restricted substances.

In some model of float level switch, sold outside of the EU, a mercury switch is used. We have the same version of float equiped with a micro-switch for then european market.

- 2. Disibeint is working to get in January 2006 the elimination of the lead from our manufacturing products. It should be possible that some low-selling models will turn lead free at 01-07-2006.
- 3. The changes will affect to the total number of references of our manufacturing program.
- 4. There is no-one reference which will not be manufactured because of the RoHS directive. In those who will be eliminated or exchanged, the cause will be different.
- 5. Since the moment in which a lead free model be supplied, it will be specifically identified in order to differentiate it from whom are not lead free
- 6. There will not be restrictions for use in such a way that the equipments could be used like up to now.



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- 7. The manufacturers of printed circuits boards recommend to store these products before its assembly and welding process at a temperature less than +30°C and with a relative humidity lower than 50%.
- 8. While some suppliers say that there will not be any increasing for the lead supression (for example in the printed circuits boards), the components assembly suppliers probably due to the increment of the raw material and the cost of the new installations is possible that will apply a certain cost increasing in this field. In our opinion, and beacuse that the running of this process until the second semester of 2006 will be progressive, these light price increasings will remain incorporated into the general increasings.
- 9. Our schedule is the following:
  - 9.1. In a progressive way, purchase of the lead free printed circuit boards.
  - 9.2. The progressive purchase of lead free components is being done since some time ago.
  - 9.3. Since the second semester of 2005 and having both lead free printed circuits boards and components, to start using lead free tin alloys in the welding processes and, for this fact, every model will keep adapted to the directive.
  - 9.4. Since January 2006 all of our manufactured products will be substituted for others lead free and thus we could speak about the disappearance of products with lead.
- 10. Nowadays all our products contain lead. In the past we did changes in halogenated products flame retardants, in the materials used in the plastic housings (in V0 products as well as in coloring pigments) and in the packages with recycled rippled carton and in the printing inks, VOC free (Volatile Organic Compounds).

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