

RoHS and WEEE Directives

On 27th January 2003 the European Parliament and European Union Council authorised the 2002/95/CE Directive relative to the use restrictions of certain dangerous substances contained inside electrical and electronic equipment.

According to the new directive, often abbreviated in **RoHS** ("ro-has") all manufacturers have to reduce the use of six dangerous substances under acceptable minimum levels within July 2006.

The six substance are given below:

- ✓ Lead (Pb)
- ✓ Hexavalent Chromium (Cr +6)
- ✓ Mercury (Hg)
- ✓ Polibrominated Biphenyl (PBB)
- ✓ Cadmium (Cd)
- ✓ Polybrominated Diphenyl Ether (PBDE)

On the same date, the 2002/96/CE Directive, or **WEEE** (electrical and electronic equipment wastes) has been authorised, establishing specific criteria regarding the collection, handling and recycling of electrical and electronic wastes.

The Directive:

- ✓ Sets the requirements for the amount of WEEE collection (separated from normal household wastes)
- ✓ Obliges resellers to offer WEEE return, free of charge
- ✓ Requests WEEE treatment
- ✓ Requests manufacturers EEE product marking with the WEEE symbol (a trashcan marked with an "X")



Both Directives interest the entire electronic industry at all levels– from retailers to manufactures, distributors and OEMs.

On 22nd July 2005, the Italian Parliament authorised the Directives with **D.L. n° 151** (published in the G.U. n. 175 of 29/07/05) postponing one year the implementation of the measures.

DATASENSOR, has always been committed to respect the environment and the future of our planet and thus has adopted the following strategy to support these important ecological initiatives:

- ✓ All **DATASENSOR** packaging material are recyclable.
- ✓ **DATASENSOR** products no longer include Hexavalent Chromium (Cr +6), Mercury (Hg) and Cadmium (Cd) since 1999.
- ✓ Since January 2005 **DATASENSOR** has adapted its manufacturing process according to the requirements of the new lead-free electronic components.
- ✓ **DATASENSOR** will manufacture products conforming to the RoHS requirements in the first 2006 trimester, only after electronic component stock run-out.
- ✓ Beginning from April 2006 **DATASENSOR** will ship product meeting the WEEE requirements.