

NEON TUBES STORAGE AND RECYCLING

Fluorescent tubes are classified into the waste category of RAEE (Waste of Electrical and Electronic Equipment) and according to the Law no.152/2006 Part 4 of Annex D of the Legislative Decree of as hazardous waste. The components inside a RAEE can be particularly harmful to the environment and the ozone layer, for this reason they must be treated and disposed with a correct procedure. In recent years, RAEE had a great expansion, with growth rates ranging from 3% to 5%, 3 times higher than normal waste. In Italy the production of RAEE is around 16.3 kg/inhabitant, and only 4.29 kg/inhabitant are disposed. The collection and disposal of this kind of waste can be managed by authorized Institutions and Companies only. Since 2008, the management of this kind of waste is in the hands of the producer who must plan the collection system. The Italian law established grave fines for the offenders:

- 300 to 30.000 € fee for who waste RAEE in the environment;
- Up to 1 year detention for who mix different categories of hazardous waste;
- 3 months to 1 year of detention or 2.600 to 26.000 € fee for non-hazardous waste (double fee for hazardous waste) collection, transport, recovery, disposal, trade and brokerage without authorization;
- 1 year or 2 years of detention or 5.200 to 52.000 € fee for pollution caused of the soil, subsoil, surface water or groundwater at concentrations exceeding the risk threshold.