

2005 TAIWAN INTERNATIONAL SCIENCE FAIR

CATEGORY : Environmental Science

PROJECT TITLE : Problems of Safe Storage, Collecting and Recycling of Luminescent Lamps

AWARD : Third Award

FINALISTS : Alexander Mezhenov

COUNTRY : Russia

Category: Environmental Science

Title: Problems of Safe Storage, Collecting and Recycling of Luminescent Lamps

Name: Alexander Mezhenov

Country: Russia

Abstract

Our research is connected with the problem of the mercurious wasre products (MWP) recycling, luminescent lamps take a great part among them. The problem of recycling MWP is topical not only in Yakutsk, but also in other cities of Russia because of its toxic influence on the human's body. Mercury is the top among eight the most dangerous metals. I have analyzed the conditions of recycling of luminescent lamps in Yakutsk schools. I have got data on the problem. There is a great amount of the fused luminescent lamps is stored in the territory of schools, it produces danger for the pupils' health. On the research work I have proposed some ways of solution of the problem.