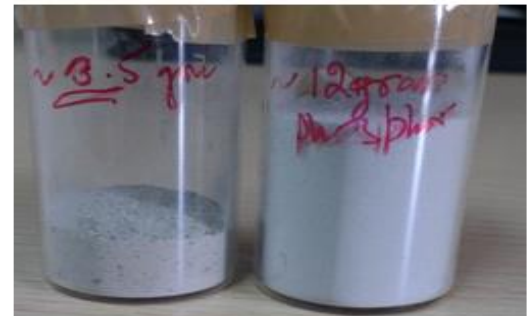


Process Technology for Separation of Glass and Phosphor from Waste CFLs

E-WASTE RECYCLING



Process Specifications:

Processing Time: 15 minutes
Use of Simple organic solvents
Energy Efficient process

Applications

Process can be applied to waste CFLs, night glowing toys, tubelights and spent LEDs

Users

Chemical Industry, Recycling Industry, Toys Manufacturers, LED Manufacturers

Brief

Fluorescent phosphor is coated on glass tubes which are filled by mercury vapors to make fluorescent lamps. The present technology enables complete recycling of these lamps. Metallic components, Glass and phosphor powder can be very easily separated.

Main Features

Complete Recycling of Waste CFLs and Tubelights.
Recovery of Glass and Phosphor Material