

SEPARATION OF DRY SOLID WASTE

Prepared by: Ng Szee Thai

ABSTRACT

In this project I designed a machine which is capable of separating 2 elements (the chosen material: metal & aluminum). This machine will sort out the chosen elements in a very short time thus it has a very high efficiency. It is design to be easy handling, simple to operate besides it also minimize training and supervision requirements which that will indirectly minimize the over head cost of the whole process. All these separation is for recycling purpose which is mostly separating the waster from the waster produces by the factories. The design is base on the difference characteristics between the chosen elements so that they can be easily separated without using a very sophisticated and expensive device.