SOLID INDUSTRIAL WASTE MANAGEMENT CYBER-ADMINISTRATION

A V Gurjanov¹, A V Shukalov², I O Zharinov²

¹ Director, Stock Company «Experimental Design Bureau «Electroavtomatika» named after P A Yefimov, 40, Marshala Govorova St., Saint Petersburg, 198095, Russia

² Faculty of Information Security and Computer Technologies, ITMO University, 49, Kronverksky Av., Saint Petersburg, 197101, Russia

E-mail: mpbva@mail.ru

Abstract. The modern production defective product is solid industrial wastes, which must be manipulated with effectively designed technical solutions. The solid wastes are done with processing through the production cyber-systems functionality and are material pieces and raw materials left-overs, which have some negative effect for the environment and human health, which could be useful for the industry after the secondary recycling. The solid wastes collection and separation in a production are the rational nature consumption technologies elements to provide the ecology technical influence lower level. In the automatic production conditions the solid industrial wastes manipulation mechanisms are specially actual. There is a company infrastructure scheme, which is necessary to collect and primarily separate the solid industrial wastes in a production section. There is a sorting out complex scheme of the separation final stages and solid industrial wastes collective storage before they are to be shipped to a recycling factory. The ecologically dangerous industrial wastes manipulation technologies are described in an automatic production.
Figure 1. The company infrastructure scheme necessary to collect and pre-separate the solid industrial wastes in a production section.
Figure 2. The production sorting out complex infrastructure scheme.