ABSTRACT

Today's there are many work pieces of both metal and plastic whoices coated by another metal. They are very good in quality as well as attractive in appearance. The example of materials wait had been processed using electroplating non-conductive or motor cycle body, motor cycle's, light box, accessories, etc.

This project work dealt with electroplating system to protect from damage of the non-conductive objects for otomotive. This tools uses PLC for otomation with the keep non of damage to the non-conductive objects in use field of automotive. Polimer process is done before performance electroplating non-conductive objects undergone. With the circuit before performing electroplating non-conductive object first, conducted the polymer

the process of electroplating non-conductive occurred several stages of the process of polymerization process (to make non-metallic materials into conductors), Drying and electroplating process. By means of the planned process of electroplating will run automatically thus be more efficient and feasible 1 person.

Key word: Electroplating Non Conductive, Polymer, PLC.