

Automated Color Mixing Process

Sachin U.Dhawde

Siddhesh A.Halde

Pranit P.Panchal

Prashant P.Shirke

Name of Guide: Prof.Vikas Nandeshwar

Abstract

This project outlines the various stages of operation involved in the conversion of a manually color plants towards a fully automated color making process. Over the years the demand for high quality, greater efficiency and quantity has increased in the globalized world for various colors. The initial phase of the project focuses on passing the inputs of color mixing and making process with various components. With the help of mixing tanks all colors coming from the process will be mixed in our required proportion. Color will be mixed using stirrer motor, making color in industry which will used for food beverage industry. Generally from three colors we are making six colors for different paint, beverages and petrochemical companies. Entire process in controlled and automated by using PLC.