IJARSCT



International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)

Volume 2, Issue 7, May 2022

11 KV Control and Relay (CRP) Panel

Saurabh S Kulkarni, Shubham S Kute, Suraj W Sirsat, Vishal K Vaidya Sir Visvesvaraya Institute of Technology, Nashik, Maharashtra, India

Abstract: A control panel is used to control various activities at the industries and substations. The relay panel is used to project machines and instruments from various faults like overcurrent, under-voltage, over-voltage, earth fault and also to maintain power factor. However, the manufacturing and testing process can be better understand at the manufacturing industry itself. Here we report the complete process of manufacturing and testing process of any control panel. The steps from fabrication to final ready product are understanding during this study project. The study of manufacturing and testing process will definitely result in better knowledgeabout manufacturing process.

Keywords: Industrial Panel Wiring, Control Circuit, Relay, Panel line Diagram, PanelBuilding Process.

REFERENCES

DOI: 10.48175/568

- 1. Quality manual of Boost Electronics
- 2. Standard operating procedure of Boost Electronics
- 3. ISO 9001:2015 standards