



VINAYAGA ENGINEERING SERVICES

(Specialist in HT and LT, Switch Gear)

No. 3/30, Main Road, Melavaladi, Lalgudi (T.K), Trichy (D.T),
Tamilnadu-621218.

Mob:09940049560,09786639164

Email: service@vinayagaengineering.com

SCOPE OF WORK

UNDER THE PREVENTIVE MAINTAINENCE FOR VCB

- ❖ OPERATION OF THE MECHANISM BOTH ELECTRICALLY AND MANUALLY.
- ❖ COMPLETE CHECKING, CLEANING AND TESTING OF SWITCHGEAR THROUGH TESTING AND CHECKING OF CONTACTS, LIMIT & MICRO SWITCHES, ALPHA PLUGS, SECONDARY PINS, MOVING & FIXED CONTACTS, INTERRUPTING CHAMBERS & OTHER INSULATED PARTS.
- ❖ VERIFICATION OF REQUIRED ALLIGNMENTS.
- ❖ VERIFICATION OF TRIPPING OPERATIONS.
- ❖ INSPECTION AND TESTING OF TIGHTNESS FOR ALL CONTROL CABLES AND ISOLATING CONTACT TIGHTNESS.
- ❖ CHECKING OF ALL INSULATION RESISTANCE.
- ❖ CHECKING, CLEANING AND CORRETING THE ALLIGNMENT FOR MOVING & FIXED ARCHING CONTACTS.
- ❖ CHECKING OF SPRING SNATCH GAP AND WILL BE ALIGNED CORRECTLY (i.e.SHOULD NOT BE MORE THAN 5(+/-1)MM).
- ❖ VERIFICATION, CLEANING AND FUNCTIONAL CHECKING OF CIRCUIT BREAKER IS DONE.
- ❖ INSPECTION, CLEANING AND CHECKING OF THE INSULATION VALUE FOR DC OPERATING COILS.
- ❖ ALIGNMENT CHECKS FOR DRAW-IN AND DRAW-OUT OPERATIONS.
- ❖ DISMANTLING, CLEANING, MAKING FINE THROUGH BY APPLYING RUBBING ARTICLES, ALSO APPLYING JELLIES FOR THE FIXED CONTACTS AND INTERRUPTING CHAMBERS AND RE-FIXING THE SAME.