



VINAYAGA ENGINEERING SERVICES

(Specialist in HT and LT, Switch Gear)

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SCOPE OF WORK

UNDER THE PREVENTIVE MAINTAINENCE FOR MOCB

- ❖ OPERATION OF THE MECHANISM BOTH ELECTRICAL AND MECHANICAL.
- ❖ COMPLETE CHECKING, CLEANING, AND TESTING OF SWITCHGEAR THROUGH TESTING AND CHECKING OF CONTACTS, LIMIT AND MICRO SWITCHES, ALPHA PLUGS, SECONDARY PINS, MOVING & FIXED CONTACTS, INTERRUPTING CHAMBERS & OTHER INSULATED PARTS.
- ❖ VERIFICATION OF REQUIRED ALIGNMENTS.
- ❖ INSPECTION AND TESTING OF TIGHTNESS OF ALL CONTROL CABLES AND ISOLATING CONTACT TIGHTNESS.
- ❖ VERIFICATION OF TRIPPING OPERATIONS.
- ❖ CHECKING OF INSULATION RESISTANCE.
- ❖ CHECKING OF POLE ASSEMBLY, CONNECTING AND CONDUCTING LIVE TERMINALS AND THE DRAIN OUT WAY WILL BE CLEANED FINE.
- ❖ VERIFICATION, CLEANING AND FUNCTIONAL CHECKING OF THE CIRCUIT BREAKER.
- ❖ CHECKING OF THE TRANSFORMER OIL & REPLACING THE SAME IF REQUIRED.
- ❖ ALIGNMENT CHECKS FOR DRAW-IN AND DRAW-OUT OPERATIONS.
- ❖ CHECKING OF MOVING AND FIXED CONTACTS.
- ❖ DISMANTLING, CLEANING, MAKING FINE THROUGH APPLYING RUBBING ARTICLES, APPLYING JELLIES FOR THE FIXED CONTACTS & INTERRUPTING CHAMBERS & RE-FIXING THE SAME.
- ❖ FINAL TOUCH SETTING FOR ALL MANIPULATIVE DRAWN OUT'S.