

Scope of work for repairing 60 kV/30kVA HV testing transformer

I/P – 0 to 415 Volts, two phase, 73 Amps, 50 Hzs.

O/P – 0 – 15 kV @ 2 Amps

0 – 30 kV @ 1 Amp

0 – 60 kV @ 500 mA

Rating- 15 min. on – 30 min. off

Scope of work :-

- 1) Dismantling of HV transformer
- 2) Rewinding of HV transformer
- 3) Reinsulating the winding assembly
- 4) Tanking with insulating oil
- 5) Testing of transformer as per IS separately
- 6) Vender to be submit test schedule
- 7) On load testing with control panel and driver (Auto) transformer
For maximum o/p in all ranges with proper trip setting and I/P - O/P
Voltage calibration with digital panel meters.
- 8) Any allied work to be completed

Cent
20/10/14
Engineer (maint)