

# Certificate of Test – Ground Mount Transformer

Project/ Job name: \_\_\_\_\_ Location of Work: \_\_\_\_\_

Drawing Nos: \_\_\_\_\_

## Carry out the following Tests

1. Prior to testing prepare the transformer by:
  - a. Closing the main LV isolator and the generator isolator
  - b. Remove the LV MEN link
  - c. Isolating transformer neutral either by disconnecting neutral cable from LV neutral bus or disconnecting neutral bushing from bus work
  - d. Install HV fuses
2. Carry out insulation resistance testing between one phase of the generator isolator cable palms and the LV earth bus (LV – Earth Test) and the HV transformer links and the HV earth Bus (HV Earth test)
3. Carry out winding continuity testing

## Insulation Tests

Test	Pass (1M $\Omega$ )	Reading
LV to Earth @ 500V	Yes <input type="checkbox"/> No <input type="checkbox"/>	
HV to Earth @ 1kV	Yes <input type="checkbox"/> No <input type="checkbox"/>	

## Winding Continuity

Test	Pass (Not Open Circuit)	R $\emptyset$ to N	B $\emptyset$ to N	W $\emptyset$ to N
LV @ 500V	Yes <input type="checkbox"/> No <input type="checkbox"/>			
HV @ 500V	Yes <input type="checkbox"/> No <input type="checkbox"/>			

## Instrumentation Details

Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_

Serial Number: \_\_\_\_\_ Date of Last Calibration: \_\_\_\_\_

## Sign Off

Testing Carried Out By: \_\_\_\_\_ Date of Test: \_\_\_\_\_

Signature of Tester: \_\_\_\_\_ Contact No. of Tester: \_\_\_\_\_