

INDUSTRIAL VIST

RK TRANSFORMERS

NACHARAM

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INTRODUCTION

Transformers: .A transformer is an inductive electrical device for changing the voltage of alternating current.



Manufacturing:

The transformer manufacturing was done in this industry here we had observed the internal structure of the transformers .

The domestic and industrial purpose transformers are manufactured here , as well the transformers repairing also done .

The entire manufacturing is divided into 3 sections

1: windings

2: insulation

3: Heating chamber

4:transformertank

1: WINDINGS

In the winding section the melted copper is compressed and formed like a rectangular thin layer with appropriate size as required for the transformer rating .

2.INSULATION

In this section the copper winding is insulated with paper ()

The paper bounded all over copper wire ..

After completion of the insulation the copper wire is ready to wound the limbs of the transformer..



vivo Y51A · vaishnavi ravikumar
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The limbs are made up core materials and the copper wire is wound to provide the insulation b/w the copper wire insulation material made up of the wood paper is used..

Whole winding was done by the machines as well as the man made also.

3.HEATING CHAMBER

In the heating chamber the copper wire is melted and can be reused it again and again. The huge amount of the heat is provided to melt the copper. In the heating chamber the copper wire is melted and can be reused it again and again. The

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4. TRANSFORMERTANK



CONCLUSION

Hence we have learned the construction of a transformer and the internal parts briefly..

The explanation was really good and easy way to understand the concept of the transformer..

Thank you ...

By EEE 3-RD YEARS

2021-2024 BATCH

NNRG ...