

MOHAMED ALI

Transformer Winding Technician

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- PROFESSIONAL SUMMARY

Highly skilled Transformer Winding Technician with over 10 years of experience in manufacturing, assembling, and maintaining Power and Distribution Transformers up to 500 kVA. Specialized in vertical&horizontal winding machines and advanced winding techniques including Disc, Layer, Counter Shield, and Interleaved. Strong ability to interpret technical drawings and ensure compliance with IEC and QC standards.

- PROFESSIONAL EXPERIENCE

Transformer Winding Technician – ElSewedy Electric, Cairo (2018 – Present) -

Manufacturing and winding transformer coils up to 500 kVA.

- Operating and calibrating vertical&horizontal winding machines.
- Interpreting transformer schematics and applying precise technical specifications.
- Performing maintenance and repair of power transformers.
- Supporting QC procedures and diagnosing winding faults.

- TECHNICAL SKILLS

- Transformer Winding (Disc, Layer, Counter Shield, Interleaved)
- Coil Manufacturing up to 500 kVA
- Vertical&Horizontal Winding Machines
- Technical Drawings (Schematics)
- Transformer Assembly, Servicing&Repair
- Fault Diagnosis&Quality Control

- EDUCATION

Diploma in Transformer Engineering – Modern Technological College, Cairo (2015 – 2017)

Studied transformer fundamentals, insulation materials, winding techniques, and quality control.

• SOFT SKILLS&LANGUAGES

- Soft Skills: Teamwork, Problem-solving, Attention to detail
- Languages: Arabic (Native), English (Professional)