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INNOVATION ELECTRICAL SERVICES industrial service company dedicated to Rewinding and rebuilding of component products for rotating electrical machines up to 11 kV. Our core business is AC /DC electric motors and generators Servo Machines and Transformers.

We are Industrial Sloution For Rewinding

DIAMOND COILS



We work with clients across a range of industries, covering everything from traction to power generation.

- For high voltage motor & generators
- 400-15,000V
- Resin & VPI insulation
- Film back / glass back
- Flexible, cured, hybrid, VPI, customer specifications

CONCENTRIC & HAIRPIN COILS



Custom concentric and hairpin coils for clients in the chemical, paper making, extraction, shipping and power generation industries.

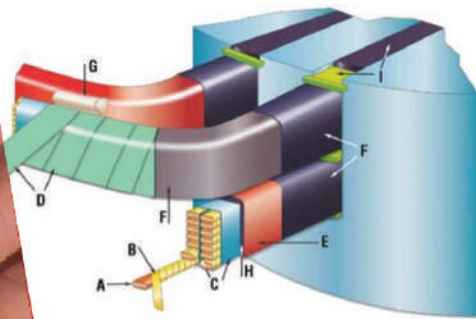
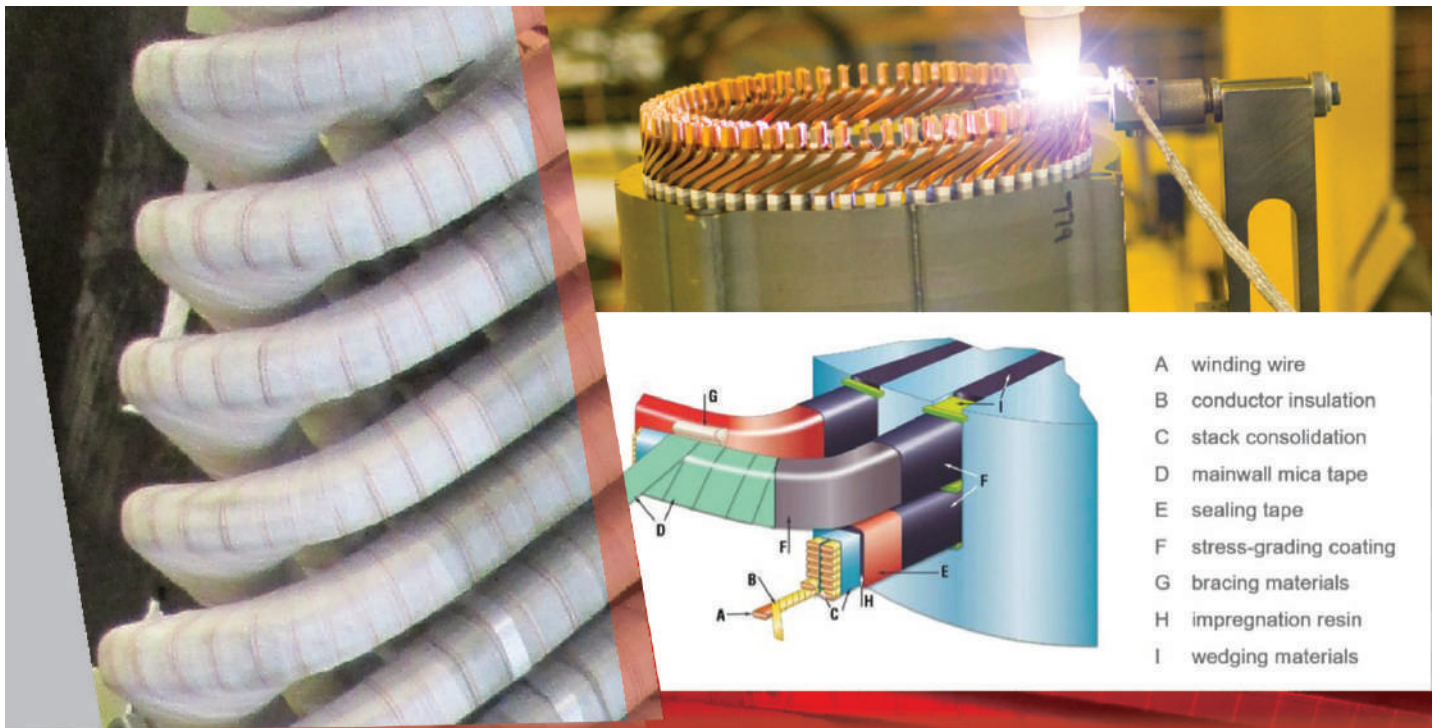
- For high voltage motor & generators
- 400-15,000V
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- Film back / glass back
- Flexible, cured, hybrid, customer specifications

ARMATURE COILS



A broad range of custom armature coils for clients in the water, transport and power generation industries.

- For AC/DC traction motors
- Up to 3,000V
- Resin & VPI insulation
- Custom & hybrid specifications



- A winding wire
- B conductor insulation
- C stack consolidation
- D mainwall mica tape
- E sealing tape
- F stress-grading coating
- G bracing materials
- H impregnation resin
- I wedging materials

INNOVATION Employees are highly trained and our team is dedicated to excellence in customer services. We invest in technology and our quality system. Our staff engineers and field service techs have experience in winding systems including synchronous fields, squirrel cage induction stators and rotors, wound rotors, DC stationary fields and armatures. Rush and emergency schedules are a big part of what we do.

TRACTION COILS



We work to ensure that the completed coils are extremely robust and hard wearing.

- Resin & VPI insulation
 - Class F & Class G
- Purpose built shaping formers
- Copper, enamel and glass conductors
- Quick turnaround

WINDING KITS



Winding kits incorporating all essential materials for overhauling a broad range of electric motors. Winding kits include:

- All types of slot wedges
- Packing strips
- Insulation tape
- Thermistors
- HV cables

TESTING

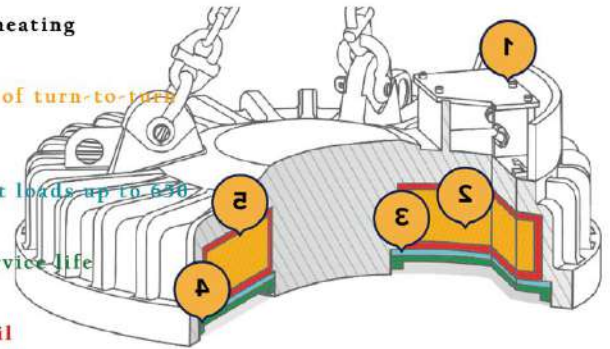


Extensive tests and checks form part of our quality assurance system which is strictly adhered to and regularly

- Dimensional & fit checks
- Earth testing
- Tan Delta
- Inter-turn
- Partial discharge



- 1. Rugged cast case**
Provides supplementary durability and lowers electromagnet heating
- 2. Coil design**
High quality wire in advanced insulation reduces possibility of turn-to-turn short circuit
- 3. Heat insulation gasket**
Provides additional coil protection during operations with hot loads up to 650
- 4. Heavy-duty steel bottom plate**
Protects the coil and significantly increases electromagnet service life
- 5. High-quality sealing compound**
Prevents coil damage and reduces heating of electromagnet coil



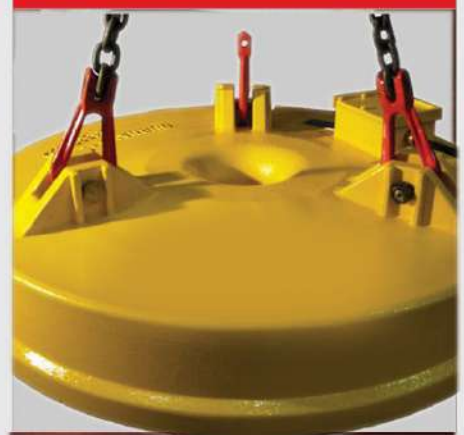
Coil



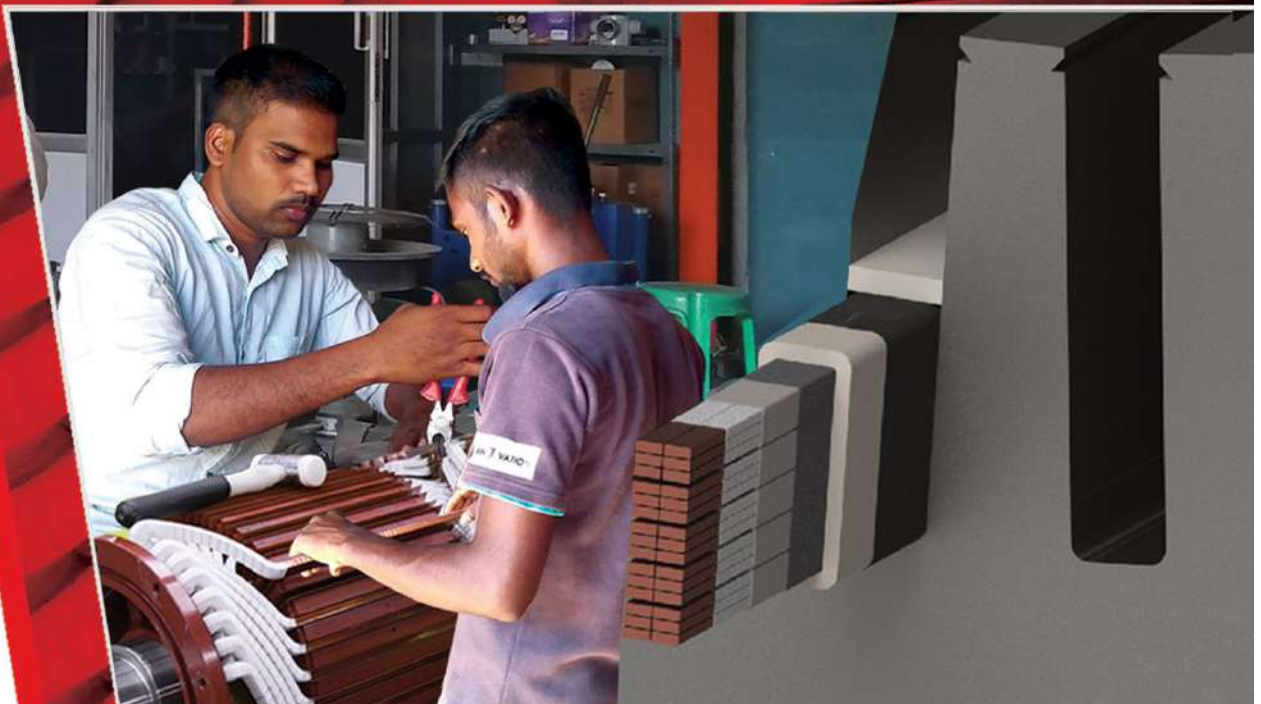
Insulating Coil



After Finished



Re-build of lifting magnets, rectangular tri-pole magnets. Service with various specifications and features. Suitable for applications such as scrap yards foundries, steel warehouse fabricating shops, maintenance, slag processing, steel mill products, track sweeping, and slag reclaiming and Magnetic inspection.



INNOVATION ELECTRICAL SERVICES founded in 2005 is one of the Leading companies in the field of REWINDING and REPAIRS in LT/HT AC Motors, Alternators, DC Motors, Wind Generators and Transformers.

With over 35 skilled technicians and average experience of our skilled technicians are at least 15 years in the industry .Industry trained Skilled Supervisors and Engineers are with at least 15 years of industry experience

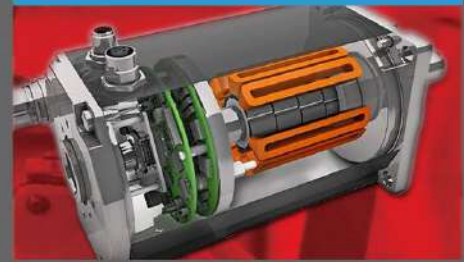
Industrial Motor



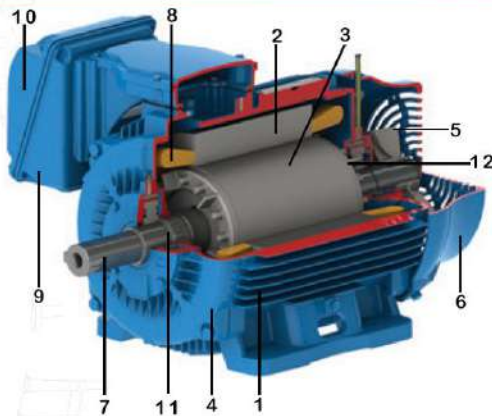
Generator



Servo Machine



- 1-The Frame
- 2-The Lamination Core
- 3-The rotor lamination Core
- 4-End Shields
- 5-Cooling Fan
- 6-Cooling Fan Cover
- 7-The Rotating Shaft
- 8-Three phase winding
- 9-Terminal Box
- 10-Terminals
- 11-Bearings



We also Offering Service to



Spinning Mills



Wind Energy



Foundary



Steel Rolling Mills



Thermal Plant



Papper Plant

