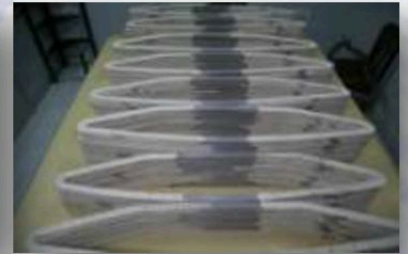


Technically Advanced Coil Manufacturing

IEW Coils Systems has been manufacturing Multi turn Formed Coils (Resin Rich & Resin Poor) coils for repair Services & OEM's for over 5 years. Our ISO 9001:2008 ISO 14001: 2004 & OHSAS 18001: 2007 certified facility, dedicated staff and our attention to detail insures that customers get the right coils on time & guaranteed.



IEW Advantage

We offer the complete package with total in-house capability focused on manufacturing coils to OEM & customer specifications. State of the art coil equipment is complemented by a well trained and committed work force. We maintains an extensive sample bank of coils, reinforced by computer cross referencing and three dimensional Auto Cad Pro E and solid works specification imaging Other vital element of the IEW package is over 3,000 Kg on site rectangular copper wire & strip inventory



We have invested in industry leading equipment for producing all types of coils quickly & economically

IEW Insulation System

IEW Coils primarily insulates Armature & Stator coils in three ways according to customer specification although others are available upon request

1. **Dip & Bake:** Made of Mica tape or wrapped with glass tape armor, sleeved leads and are varnished dipped & cured.

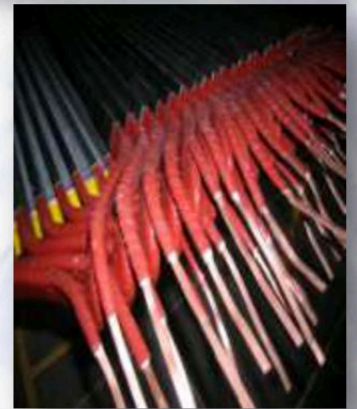
The advantage to this type of insulation is that they are fully professed and can be tested at double voltage

2. **Green for VPI:** Made with a low binder Mica paper tape ground wall with shrink Dacron armor tape and VPI sleeving.

The advantage to this type of insulation is there are no voids if the coils are processed correctly, they are moisture resistant and flexible during installation. They have excellent dielectrics and are resistant to vibration.

3. **Sealed System:** Made with Resin Rich Insulation Mica tape with Epoflex armor tape and taped leads with Hot Moulded Resin Rich.

The advantage of this type of insulation is the coils are suitable for large stator to which VPI is not possible due to huge size. They have excellent moisture and chemical resistance and are flexible offering very good dielectrics.



100% Inspection & testing

IEW Coils are manufactured & tested as per IS. Electrical & Dimensional tests are performed on each coil before they leave IEW facility in neat & clean environment. Electrical tests include AC high Pot, Surge Comparison Test, Resistance, Inductance, IR Value, TAN Delta, Impulse test & dimensional check including digital monitoring of coils, Electrical & mechanical property & coil fitting in custom mock up-forms

Packing & Shipment

All coils are packed in thick boxes with shipping form to avoid any damage in transit. This ensures that coils are received by customer as they are shipped. Many shipping methods are available including surface, air and airport pick-up same or next day delivery

