



Transformer Core Acceptance Checklist

Use with the approved drawing and purchase specification. For every check, write the agreed limit, sample size, measurement method and evidence reference. A published capability figure is not an automatic acceptance limit for each order.

1. Document and material identity

- ☐ Supplier, order, drawing number and revision match the release documents.
- ☐ Coil or batch identification connects the supplied material to its material test certificate (MTC).
- ☐ Grade, nominal thickness, coating and supplied format match the purchase specification.
- ☐ MTC test conditions and units match the material acceptance basis.

2. Cut parts and packets

- ☐ Strip width, cut length, angle, hole and notch dimensions meet the agreed drawing and sampling plan.
- ☐ Burr and edge condition are measured at the agreed locations by the agreed method.
- ☐ Insulating coating shows no unacceptable damage under the agreed visual criterion.
- ☐ Packet count, orientation, markings and Step-Lap sequence are traceable.

3. Assembled core, when supplied

- ☐ Window, limb, yoke, overall and interface dimensions meet the approved drawing revision.
- ☐ Stacking factor is checked only against agreed area definitions and measurement conditions.
- ☐ Clamping, alignment, lifting features and temporary restraint match the order scope.
- ☐ Surface condition and identification remain acceptable after handling.

4. Magnetic performance, only when contracted

- ☐ Core condition, excitation arrangement, frequency, flux density and instrument method are recorded.
- ☐ Acceptance limits for no-load loss and exciting current are identified in the order.
- ☐ Results are compared under like-for-like conditions; an MTC is not a finished-core test report.
- ☐ Any deviation, retest or concession is formally approved and retained.

5. Packing and handover

- ☐ Edge protection, moisture control, supports and restraint suit the supply format and transport route.
- ☐ Case or pallet markings, mass, centre of gravity and lifting instructions are present where required.
- ☐ Packing list, dimensional report, MTC set, agreed photographs and conformity documents are complete.
- ☐ Receiving inspection records transport damage and preserves evidence before unpacking or assembly.

Source and use

Source basis: Chenfan Electric, *Product & Capability Catalogue, 2026 English edition*, pp. 26-27. Project acceptance criteria, inspection scope and documentation requirements must be agreed separately. This checklist does not state product-specific test results.