

SPECIFICATIONS FOR INDUCTOR OVERHAUL

List of the provided manufacturing operations for the repairing and checking of an inductor:

- Complete disassembly of the inductor
- Complete cleaning of the inductor
- Tightness test with 10-bar pressured water
- Welding or replacements of damaged circuit sections, if any
- Litres/minute water capacity check in the cooling circuit inside the coil
- Washing with acid, if any, of the whole cooling circuit, guides included
- Rinsing with neutralizing products
- Reconstruction of the isolating layer according to one of the two proceedings, to be used alternatively:
 - immersion into insulating paint and desiccation
 - taping in four phases (kapton, mica, adhesive glass fibre and mesh glass fibre ribbon) and immersion into insulating paint
- Desiccation
- Assembly in box with further cementation and complete desiccation of the detail.
- Final tightness test with 10-bar pressured water
- Replacement, if any, of damaged rubber pipes or having defects which do not ensure their normal life
- Interventions of little entity, if any, suitable for the good working result