

Transformer Processing

Regasketing · Oil Processing & Degassing · LTC Maintenance · Assembly & Commissioning



Full-scope transformer field services · Southeast United States · Serving utilities since 1982

Southern Switch & Contacts performs full-scope transformer field processing: regasketing, oil processing and degassing, LTC maintenance, and assembly and commissioning. We own and operate our own equipment and machine replacement parts in-house.

SERVICE 01

Regasketing

Gaskets fail from age hardening, thermal cycling, and improper installation. We replace gaskets on tanks, radiators, bushings, and accessories.

- Tank cover, manhole, and drain valve gaskets
- Radiator header and radiator drain gaskets
- Bushing flange and throat gaskets
- PCB check before work begins and before oil disposal
- Oil sample and dielectric verification after sealing

SERVICE 02

Oil Processing & Degassing

Vacuum dehydration and hot oil circulation run on-site until oil meets dielectric and moisture targets.

- EPA-licensed mobile unit, one Baron rig
- Vacuum dehydration and hot oil circulation, 60 to 70 C
- Bypass-mode work on energized units where appropriate
- Continuous on-site runs of 12 to 48 hours
- Targets: dielectric above 30 kV (ASTM D877), moisture below 10 ppm

SERVICE 03

LTC Maintenance

Load tap changers accumulate carbon, arcing damage, and mechanism wear. We service and machine replacement contacts in-house.

- Contact inspection for arcing damage and wear
- LTC oil drain, clean, and refill
- Mechanism inspection and lubrication
- Timing and transition resistance testing
- Replacement contacts machined in-house

SERVICE 04

Assembly & Commissioning

After major overhaul, we assemble the tank, fill under vacuum, and verify insulation before the switch is closed.

- Tank assembly and full gasket installation
- Vacuum oil fill to prevent air entrapment
- Hot oil treatment cycle after fill
- Insulation resistance, PI/DAR, and power factor verification
- Commissioning documentation package

Dissolved Gas Analysis (DGA): Oil samples are analyzed through the TECO lab in Tampa, with 24 hour turnaround available. Southern Switch & Contacts does not operate its own laboratory.

Same-day dispatch statewide in Florida, next-day Georgia, next-day to two-day across the rest of the Southeast. 24/7 emergency line: (914) 582-9346

Contact

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