

EU DECLARATION OF CONFORMITY



Manufacturer:

Enviroflex Altöltechnik GmbH
Hamburger Str. 181, Heide (Holst) 25746, Germany

We hereby declare under our sole responsibility that the following product:

Product Name: Transformer Oil Purification & Regeneration Plant (ReGenX)

Model/Code: ReGenX-2000 / ENF-TOPRDMP-2000-8CF-6C16

Serial Number: 58/2025

is in conformity with the following relevant Union harmonisation legislation:

2006/42/EC — Machinery Directive

2014/35/EU — Low Voltage Directive (LVD)

2014/30/EU — Electromagnetic Compatibility Directive (EMC)

Harmonised Standards Applied:

EN ISO 12100:2010, Safety of machinery, General principles for design, risk assessment and risk reduction

EN 60204-1:2018 (VDE 0113-1) – Safety of machinery – Electrical equipment of machines

EN ISO 13849-1 & EN ISO 13849-2 – Safety-related parts of control systems

EN ISO 4414 – Pneumatic system safety

IEC 60422 – Maintenance of transformer oils

EC 60296 – Requirements for new insulating oils

Product Description and Intended Use: This plant is designed for the purification and regeneration of insulating transformer oils and distilled oils. It performs dehydration, degassing, filtration, and regeneration using reactivable adsorbents and vacuum processes. The plant integrates an electric heating system, vacuum chamber & multi-stage vacuum pumps, filtration units, adsorbent columns, reactivation unit with blower & thermal control, control panel, instrumentation, safety systems, and atmospheric oil tanks. It operates under vacuum and slight pressure conditions (-1.0 barg to +1.0 barg) and is powered at 400 VAC / 50 Hz. The system includes built-in protections such as, Earth leakage detection, Overtemperature and overpressure shutdown, Oil and gas leakage detection, Emergency stop switches, Exhaust gas purification and Full operational safety procedures and an operation manual.

Place and Date of Issue: Heide, Germany — 24.04.2025

Signed for and on behalf of Enviroflex Altöltechnik GmbH

Alireza Ebrahimpour



Managing Director

Danial Ebrahimpour



Managing Director

Enviroflex Altöltechnik GmbH

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