

What Sets Us Apart?

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- We offer cost-effective alternatives to tank replacement.
- Our system is engineered for high-risk environments.
- We prioritize speed, safety, and sustainability.
- Our process has minimal impact on your daily operations.

Your Questions, Answered

Q: How long does a typical repair take?

A: Most are completed within 3–5 working days, depending on severity.

Q: Do you offer warranty?

A: Our repairs are performance-tested and certified. Warranty options are discussed case-by-case.

Q: Can this work on diesel and petrol tanks?

A: Yes. Our system is suitable for both fuel types.

Q: What if my tank is beyond repair?

A: We only recommend replacement as a last resort. Most tanks can be restored.

Chairman's Final Word

As a company, we are proud of the trust placed in us by station owners, depot operators, and regulatory bodies across Delta State. Our approach is driven not just by technical expertise but by a deep understanding of the terrain and the urgency of your business needs.

Pin Hole Testing

We will continue to invest in innovation, train our technicians, and fine-tune our methods to serve you better. If you suspect a leak, don't wait for it to worsen. Let us help you repair, restore, and recover.

AUC. THOMPSON O.S. DOUGLAS
FIMC, ARPM, MCPN, MNCS, MCAI, MISPO, MITAN,
Executive Group Chairman/CEO

Ready for Inspection or Repair? Let's Talk.

Click. Inspect. Repair. Resume.

Because at Tom Chess-T Group, we don't just repair tanks – we restore your business.



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TOM CHESS-T GROUP OF COMPANIES LIMITED

...WE DO IT DIFFERENT AND THINK DIFFERENT



PREMIER ENGINEERING & INFRASTRUCTURE SOLUTIONS

Chairman's Welcome Message

Dear Clients, Partners, and Industry Stakeholders, in a fast-changing fuel distribution landscape, the integrity of underground tanks has become more than a technical matter – it's now a critical factor in business sustainability, safety compliance, and operational cost efficiency.

Nowhere is this more evident than in Nigeria's coastal towns such as Warri, where underground storage systems are routinely threatened by environmental exposure, rising water tables, and years of usage.

This newsletter is our way of sharing the practical solutions we have developed at Tom Chess T Group of Companies Ltd to tackle underground fuel storage tank leakages head-on.

Through innovative techniques like Hydroseal application and Stratification repair, we help you avoid costly excavation, prevent product losses, and protect your infrastructure from within.

We are proud to be on the ground in Warri, building real solutions for real problems.



Thank you for trusting us with your tanks, your safety, and your business.

Warm regards,



AUC. THOMPSON O.S. DOUGLAS
FIMC, ARPM, MCPN, MNCS, MCAI, MISPO, MITAN, MNIG
Executive Group Chairman/CEO

ABUJA OFFICE
THE CHESOPURI GLASSHOUSE:
Plot 122 TOS Douglas Crescent,
Games Village, Kaura District, Abuja.

WARRI OFFICE
NNPC Service Mgt. Building,
NNPC Housing Complex, Ekpan,
Uvwie, Warri, Delta State

DL: 0814 3449 981
0818 8076 267

chesstgroup@gmail.com
info@chesstgroup.com.ng
md@chesstgroup.com.ng

...WE DO IT DIFFERENT AND THINK DIFFERENT: CHESS-T GROUP, BUILDING PERFECTION.

www.chesstgroup.com.ng

Underground Tank Leaks in Coastal Towns: What You Should Know

For many fuel station owners and depot managers in Warri, leaking underground tanks are an unfortunate reality. With high water tables, waterlogged soils, and aged steel tanks, leaks tend to occur more frequently and escalate more rapidly.

Common problems include:

- Water seeping into tanks, contaminating fuel and causing pump failures.
- Fuel escaping into the surrounding soil, creating environmental and financial risks.
- Structural fatigue caused by pressure imbalances and age.

These issues not only threaten profitability but also expose businesses to regulatory action, especially from the Nigerian Midstream and Downstream Petroleum Regulatory Authority (NMDPRA).

The High Cost of Doing Nothing

Ignoring an underground tank leak doesn't make it go away – it multiplies the cost. Here's how:

- **Product Losses:** Leaked fuel = lost revenue.
- **Repair Escalation:** Delay often leads to full replacement.
- **Environmental Fines:** Contaminated soil can attract heavy penalties.



- **Operational Downtime:** Excavation work can shut down operations for weeks

Doing nothing is a silent killer of bottom lines. Fortunately, there's a better way.

Introducing the Hydroseal & Stratification Repair System

At Tom Chess T Group, we specialize in a non-intrusive repair method that uses two breakthrough solutions:

Hydroseal Application

A premium-grade polymer that's chemically resistant and flexible. It expands into micro-cracks and weak zones inside the tank, creating a fuel-proof seal without excavation.

Stratification Method

This technique strengthens the internal structure of the tank. It helps stabilize pressure across the tank floor, walls, and dome – preventing collapse, corrosion, or further leaks.

The Process at a Glance:

1. Site inspection and pressure testing
2. Safe degassing and ventilation
3. Confined space entry using certified safety protocols.
4. Targeted Hydroseal sealing.
5. Internal stratification treatment
6. Final pressure testing and certification

All of this is done without excavation, within days not weeks.

Why this Method Works - Especially in Warri

- **No Excavation:** Keeps your forecourt intact.
- **Quick Turnaround:** We complete most jobs in 3–5 working days.
- **High Water Table Ready:** Designed for saturated soil conditions.
- **Regulator-Approved:** NMDPRA-compliant and environmentally safe.
- **Long-Term Results:** Repairs restore full tank pressure and reduce recurrence.

Case Study Spotlight: Ughelli-Patani Expressway

We recently handled a repair job for a station along the Ughelli-Patani Expressway. The steel tank, over 15 years old, had become compromised due to waterlogged soil and corrosion. Instead of excavation, we deployed our Hydroseal and stratification system.

Result?

- Leak sealed
- Tank pressure stabilized
- Station resumed operation in under 4 days

The client reported a full return to dispensing with no regulatory flags.

Our Safety & Compliance Advantage

- Certified gas-free operations
- Degassing and ventilation protocols
- Full PPE usage for confined tank access
- Hazard assessments and Job Safety Analysis (JSA).
- Post-repair integrity testing
- ISO 14001:2015 compliance
- NMDPRA inspection readiness

Built for Coastal Conditions

Our experience in Warri and Delta State has taught us that underground fuel infrastructure requires specialized, location-specific solutions. Our field teams are familiar with the region's:

- Clay-heavy, saturated soil
- High rainfall and poor drainage
- Environmental sensitivity zones



Clients' Top Concerns and How We Solve Them

Concern	Our Response
"I can't afford to dig up my tanks."	Our method is non-intrusive and preserves your infrastructure.
"We fear the water table has shifted the tank."	Stratification helps rebalance internal pressure, preventing tank shifts.
"My fuel is getting contaminated with water."	We identify and seal leak points before contamination spreads.
"I've already lost too much product."	Fast intervention limits further loss and restores integrity.

This makes us the ideal partner for stations and depots facing persistent tank issues.

How we're Expanding Service in Delta State

Our office in Warri (NNPC Service Management Building, Ekpan) is our hub for:

- Rapid response dispatch
- Technical diagnostics
- On-site repair execution

We are also expanding into surrounding towns like Sapele, Effurun, Ughelli, and Okpe, strengthening our presence and technician base in the region.

