

Integrity of your polymer pipelines

YOUR CHALLENGES

Assess the integrity of your polymer pipes that can carry gas, electricity or water, and ensure the safety and proper functioning of your installations.

OUR VALUE-ADDED SKILLS

- Analysis of the physicochemical properties of polymers (DSC, TMA, FTIR, etc.).
- Experimental approach based on many years of research work and feedback from the field allowing the analysis of concrete incidents.
- Numerical modelling of polymers and their long-term behaviour;
- Polymer testing and qualification;
- Welding and mechanical assembly techniques and field implementation procedures.

THEY TRUST US



PRICE OF THE SERVICE

Tailor-made service adapted to your industrial characteristics.
Contact us to specify your needs and receive a personalized offer.



OUR REFERENCES

- Creation of very specific test benches according to the expressed need (scratch bench, reproduction of a duct with indentations to simulate a casing, tensile tests on specific assemblies, characterization of geotextiles)
- Drafting of a roadmap on the integrity of polymer pipelines for gas distribution
- Carrying out expertise on field returns in order to analyze the origin of the damage
- Testing welding machines, pipe crushers and other network tools to ensure optimal operational performance
- Excavation campaign of old tubes operated for decades and physico-chemical and mechanical tests to optimize the operating life of the structures.

OUR CONTACT

Carine LACROIX, Research Engineer

Tél. : +33 6 38 64 42 38

Email : carine.lacroix@natrangroupe.com

