



Lithium Test Centre

Concentrate | Refine | Convert

Accelerate Your Lithium Project

Saltworks' **Lithium Test Centre** provides industry-leading expertise and innovative technology to help you concentrate, refine and convert low-grade lithium solutions to produce battery-grade outputs.

- **Rapid, coordinated response:** Engineering, pilots, and full-scale plant production are all at one facility.
- **Process optimization services:** Receive optimized process flow diagrams, mass balance, and economic models for your project.
- **Bench and pilot testing:** De-risk your project by testing your process on our technology platforms.
- **Established full-scale plant provider:** We design, build, and deliver full-scale lithium refining plants that are modular, digitized and de-risked.



Explore Our Leading Offerings

Saltworks optimizes post-DLE lithium refining: capital cost, operating cost, and lithium recovery.

Our full-scale platforms are modular and intelligently automated for rapid installation and start-up.

- Selective chemical extraction systems (impurity removal)
- Ultra-high recovery membrane systems (concentration)
- Thermal lithium chloride concentrators (concentration)
- Lithium carbonate reactors (conversion)
- Lithium hydroxide crystallizers

In-House Mini-Refineries

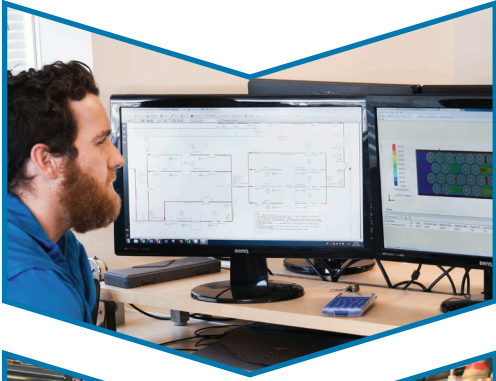
PILOT-1: 1,000–5,000 L runs

PILOT-10: >30,000 L runs

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Advancing Your Lithium Project:



1. Process Optimization

Our expert team will provide you with rapid, up-front analysis to highlight optimized processing options.



2. Pilot: Lithium Test Centre

Send us a sample for in-house refining and optimization of your flow sheet.



3. Full-Scale: Unit Ops or Complete Plants

Meet your scale-up objectives with our unit operation or full-scale plant designs.



4. Operational Support & Expansion

We provide full technical and operational support after your on-site plant installation. Our modular plants are also fully expandable.

Contact us to learn more.