

Thermal Process Specialist

Who we are:

NOVONIX is a leading battery technology company revolutionizing the global lithium-ion battery industry with innovative, sustainable technologies, high-performance materials, and more efficient production methods. The company manufactures industry-leading battery cell testing equipment, is growing its high-performance synthetic graphite anode material manufacturing operations, and has developed an all-dry, zero-waste cathode synthesis process. Through advanced R&D capabilities, proprietary technology, and strategic partnerships, NOVONIX has gained a prominent position in the electric vehicle and energy storage systems battery industry and is powering a cleaner energy future. To learn more, visit us at www.novonixgroup.com, LinkedIn and X.

What we offer:

- Competitive salary, benefits, and paid time off
- Smart, collaborative team members
- A chance to reduce the carbon footprint and work toward a cleaner energy future

Role summary:

This person will be part of the Anode Materials division, and will report directly to the Thermal Process Manager, with a dotted line to the Operations Manager. The Thermal Process Specialist (TPS) will be primarily responsible for the day-to-day operation, troubleshooting, and support of the high temperature graphitization furnaces. This position will work directly with the operations group and will lead a 12-hour rotating shift crew dedicated to furnace operations and support. In the role of Thermal Process Specialist, you will be joining a world-class Engineering Team team that is delivering innovative solutions to tough problems.

Responsibilities include:

- Directs start up activities of the furnace, including furnace set points, startup times, heating ramp rates, etc.
- Directs material movement activities including material entry times, material movement rates, and material types
- Monitors all performance aspects of the furnace during operation and makes adjustments as needed based on operational data
- Interact with databases and computer software; document all operational steps in an electronic shift log
- Observe, identify, and correct abnormal operational functions (sounds, smells, odors, etc.)
- Ability to perform minor tasks with basic hand tools, as needed
- Read and understand P&IDs, as needed

- Perform continuous communications with operators, management, and engineering
- Follow all company policies with regards to health, safety, environmental, quality, and performance
- Directs furnace shut down activities, including furnace set points, shut down times, heating ramp down rates, etc.
- Is responsible for the process output and energy efficiency of the furnaces
- Lead the furnace operations crew the TPS is embedded with
- Makes recommendations to the Thermal Process Engineers for process continuous improvement opportunities
- Works closely with the Engineering department on cost reduction opportunities on the furnaces and its processes
- Assists the engineering department during startup and commissioning of new furnaces, as needed
- Assists the maintenance department during furnace rebuilding activities, as needed
- Generate and publish end of shift reports using a standard report template
- Other duties as assigned

You are:

- A high school graduate, or GED, Post secondary school preferred
- An experienced process operator, with a minimum of 5 years of process operation experience
 - The ideal candidate will have 10+ years of experience operating and managing a complex high temperature continuous process, such as a kiln, glass plant, chemical manufacturing operation, or boiler
- Attentive to detail, able to digest large quantities of data, make connections between the data, and execute process changes based on those connections
- Able to demonstrate experience in sound decision making
- A highly motivated natural leader, someone that is a self starter
- Someone that works and communicates well under pressure, and can make, execute and justify operational decisions
- Comfortable communicating with a broad spectrum of associates, including operators, engineers, managers, contractors, vendors, and supervisors
- A critical thinker, always looking to improve the equipment, process, and operation

- Proficient in oral and written communication skills, including Microsoft 365
- Able to multitask and work without immediate supervision
- Able to work in a fast-paced environment, and ability to work 12-hour shifts as needed to support a 24/7 operation
- In possession of a valid driver's license
- Passionate about creating and maintaining a great work culture
- Willing to go the extra mile to get the job done and to satisfy customers/stakeholders
- An effective coach and mentor

Extra awesome if you also have:

- Experience starting up or commissioning new equipment
- Carbon, battery, or graphite manufacturing experience
- Experience working in a cross-functional team to achieve common goals
- Familiarity with a MES is preferred but not required

One dream. One team. One NOVONIX.

Learn more:

- Check us out at www.novonixgroup.com

Diversity statement:

At NOVONIX, we cherish the value that diversity brings and believe that it makes our teams stronger and better able to serve our industry. We're committing ourselves to inclusivity by building a company that embraces different backgrounds, perspectives, and skills.

If you see a job posting you believe you would excel at, but don't meet 100% of the qualifications, we'd still love to hear from you. Just make sure to include a cover letter and explain why you'd be a great fit for the job. As an equal opportunity employer, we want to make sure everyone gets a fair chance.

NOVONIX prohibits discrimination and harassment of any type regarding race, color, religion, age, sex, national origin, disability status, genetics, protected veteran status, sexual orientation, gender identity or expression, or any other characteristic protected by federal, state, or local laws.