



**Job Title:** Process Engineer  
**Department:** Field Service  
**Sub Department:** Applications Laboratory  
**Immediate Supervisor:** Field Service Manager  
**Status:** Exempt; Full Time  
**Location:** Meridian, Idaho (Non-Remote)

## JOB SUMMARY

The Process Engineer will support product and process technology development for JST Manufacturing in the semiconductor equipment industry. Responsibilities include qualifying tools, running experiments, troubleshooting equipment issues, and performing technical analysis at both customer sites and in the JST Applications Lab. The role involves travel and working with various chemicals and metrology tools.

## DUTIES & RESPONSIBILITIES

1. Operate JST equipment in the Applications Lab and at customer sites to qualify tools per specifications.
2. Conduct wafer processing and run experiments for product development, engineering testing, and customer demos.
3. Troubleshoot equipment issues and collaborate with Field Service Engineers (FSEs) and other engineering staff.
4. Handle and work with chemicals used in the semiconductor manufacturing process.
5. Analyze process data, including particles, metals, organics, surface roughness, and uniformity.
6. Utilize metrology tools for wafer surface characterization (e.g., surface scanners, thin film measurement tools, SEM, ICPMS, AFM, XPS).
7. Make technical presentations to customers, JST management, and at technical conferences.
8. Travel 25-50% to customer sites for tool qualification and technical support.
9. Contribute to team effort by achieving results. Work cooperatively with team members, communicate design constraints, and work within the team to achieve solutions.
10. Able to work in various positions such as climbing, balancing, stooping, kneeling, crouching, laying, reaching with hands and arms, grasp, handle and operate hand and tools, as well as welding equipment.
11. Responsible for other duties and task as assigned and, in some circumstances, may be completely unrelated to this position.

## JOB REQUIREMENTS, SKILLS, AND EXPERIENCES

1. Bachelor's Education: BS or MS in Chemical Engineering, Material Science, Chemistry, or a related field.



2. Experience: Semiconductor industry experience is preferred but not required.
3. Technical Skills:
  - Proficiency with office products (e.g., Microsoft Excel, Word, and PowerPoint).
  - Basic analytical skills to interpret and analyze process and metrology data.
  - Familiarity with semiconductor manufacturing metrology tools.
4. Soft Skills: Excellent communication skills for interfacing with engineering teams and customers.

## WORK ENVIRONMENT AND EMPLOYEE EXPECTATIONS

- Employees are expected to support the Company's business culture and values by demonstrating teamwork, integrity, good judgement, respect, innovation, and communication as well as by contributing at optimum levels toward the success of the company.
- Able to safely lift and carry, push or pull objects up to 50lbs.
- Able to walk, stand and work on feet for the duration of shift.
- Able to climb, balance, stoop, kneel, crouch, reach with hands and arms, grasp, handle and operate hand/power tools or controls.

## COMPANY SUMMARY

JST is a leading expert in wet bench design and a trusted global provider of wet process and precision cleaning technology solutions for the semiconductor, biomedical, and other clean industries. Our customers rely on us to solve their most complex manufacturing process challenges. With in-house engineering teams and full plastic and metal fabrication capabilities, JST delivers complete design-to-fabrication solutions for all wet processing applications. We are driven by teamwork, customer focus, integrity, and relentless innovation — committed to providing high-quality, cost-effective, and safe solutions that improve our customers' wet chemistry processes.

When you join the JST team, you become part of a group of specialists in wet bench design, manufacturing and customer service. From concept to completion, we engineer, design, manufacture, and install tailored solutions to meet cleanroom processing needs across the globe.

## QUALITY IS OUR FORMULA (CORE VALUES)

At JST, quality isn't just a standard—it's how we work. We're redefining what it means to show up, collaborate, and drive results by embedding quality into everything we do. *That's why we say: Quality is our Formula.* This formula isn't just a slogan—it's a mindset. It's captured in a simple but powerful equation: **Q = TCI<sup>2</sup>**



Teamwork	Customer Focused	Integrity	Innovation
Be One	Be Aligned	Be Accountable	Be in Pursuit
<i>Always</i> work together to meet company and individual goals.	<i>Always</i> align with and focus on your customers.	<i>Always</i> accept and require accountability.	<i>Always</i> pursue improvements by innovating relentlessly.

This cultural shift is about more than words, it's about aligning who we are with how we work. We recognized that our previous values didn't fully capture the behaviors and decisions that define success at JST. By embracing this new formula, we're building a culture where every action, every idea, and every solution reflects our commitment to quality and excellence.

At JST, quality is not just a goal, it's an expectation, a belief, and a way of being. When you join our team, you're not just contributing to our success; you're becoming part of a culture built on collaboration, customer dedication, ethical innovation, and shared purpose.

## BENEFITS AVAILABLE

- Medical / Dental / Vision
- 401(k)
- Life Insurance
- Paid Time Off
- Holiday Pay
- Available Overtime
- Flexible Work Schedule
- Referral Program
- Tuition Reimbursement
- Year End Performance Bonuses
- Competitive Pay BOE
- Remote Work Flexibility
- Possible Relocation Assistance Available

## APPLICATION PROCESS

You can download our employment application from [our website](#). Employment applications and resumes are accepted through the following venues:

- (1) Mail: 4040 East Lanark Street, STE 100, Meridian, ID 83642
- (2) Online Application: <https://jstmfg.isolvedhire.com>
- (3) Email: [hr@jstmfg.com](mailto:hr@jstmfg.com)

### *Important Notes:*

- JST is an AA/EOE employer.
- Applicants must be authorized to work for ANY employer in the U.S. We are unable to sponsor or take over sponsorship of an employment Visa at this time.