

# POSITION PROFILE

**POSITION TITLE: CNC Programmer**

**LOCATION: Livermore, CA 94551**

**Website:** <https://www.thermalpress.com/>

Thermal Press International is a 40+ year old industrial automation equipment manufacturing company. We manufacture precision “turn-key” heat staking machines, heat sealing machines, custom and automation systems, as well as complete custom tooling packages used in the medical, automotive, consumer products, electronics, and aerospace industries, and our machines are used around the world.

We are the leader in heat staking machines, equipment and processes, and we offer a wide variety of equipment and options to solve plastic, film, foil, and heat seal connector assembly applications.

Heat staking is a method of joining two or more parts, where at least one is made out of plastic. The bond is made by partially de-forming the plastic part to fix the other. Heat staking is the most efficient way to bond metal to plastic, and is commonly used in high volume/low cost applications in the automotive, telecom and appliance industries.

Unlike welding techniques, staking has the capacity to join plastics to other materials (e.g. metal), in addition to joining like or dissimilar plastics, and it has the advantage over other mechanical joining methods in eliminating the need for consumables, such as rivets and screws.

Our engineering staff assists companies for all of their heat sealing, heat staking, film & port welding, hot bar, thermal insertion, heat seal connector or any other plastic assembly applications. Our machines are shipped to our customers ready to install on their factory floors.

For more information on Heat Staking: <https://www.thermalpress.com/heat-staking-applications/>

Thermal Press seeks an experienced and motivated **CNC Programmer,** to program from solid files provided by our engineers. Must be able to communicate written and verbal instruction with the machinist. You will work closely with the manufacturing manager and engineers. Work with manufacturing manager to keep the work schedule within the shop.

You will work with a team of CAD designers, and in-house CNC machine shop. All equipment and tooling is designed in our Livermore facility.

**This is an hourly, full time position with benefits.**

**EXPERIENCE/SKILLS REQUIRED:**

**The company realizes that every interested candidate might not have all of the desired experience, and some training will be provided, but here is what they are looking for in terms of experience and skills… the more you have, the better!**

Minimum of ten years of relevant work experience.

Program using Mastercam 2024.

Experience in CNC operations including set-ups.

Experience using CNC Vertical, CNC-Lathes.  
Experience with high speed machining.  
Experience machining a variety of materials.

Oversee complex set-ups with the machinists.

Able to work in a fast paced environment.

Able to document and communicate both written and verbally in the English language.

Willingness to pitch in with the team during a crunch; ability to work periodic overtime.

Ability to work from verbal instructions.

3D programming.

**ATTRIBUTES/CAPABILITIES/DESCRIPTORS:**

Polite, ability to work well with others. Professional attitude and stellar work ethic. TPI has a supportive and communicative work environment.

Motivated; interested in continuous learning.

Mechanically inclined.

Able to give written and verbal instructions to the machinists.

Able to lift/move portable equipment.

Able to work with minimal supervision.

Detail oriented and organized.

Must possess strong problem solving/diagnostic/troubleshooting ability.

General Windows PC knowledge.

**EDUCATION/CREDENTIALS:**

High school graduate or equivalent.

**REWARDS/BENEFITS/COMPENSATION:**

Opportunities for advancement.

Opportunity to work on equipment used in worldwide branded products such as Delphi, Flextronics, Google, GE, Medtronic, Johnson & Johnson.

Competitive compensation.

Medical benefits, including dental and vision.

Vacation, holiday, sick pay.  
Matching 401.

Work hours: 7.00am to 3.30pm, Mon-Fri.

Air-conditioned shop in a nice office park setting, near bike trails, and open space.

Compensation negotiable $42-$48 hour (Overtime pay at 1.5 times, when appropriate).