



JOB TITLE: COLD SPRAY TECHNICIAN – OFF SITE
REPORTS TO: TBD
FLSA STATUS: NON-EXEMPT
PREPARED DATE: FEBRUARY 19, 2021

SUMMARY: This position is responsible for operating cold spray machines manufactured by VRC and those made by competing companies. They will assist other cold spray technicians when needed, work in teams, and assist engineers in design changes and trouble shooting. This position will require at least 3 months of training at VRC before relocating to a site for a determined amount of time.

QUALIFICATIONS: To perform this job successfully, the individual must be able to perform each essential duty and responsibility in a safe and satisfactory manner. Must be able to wear personal protective equipment as required by the tasks at hand. The requirements listed below are representative of the knowledge, skill, and/or ability required.

ESSENTIAL JOB FUNCTIONS:

- Perform hand sprays and robotic sprays
- Program robots to perform spray functions
- Provide quotes to customers
- Be able to physically relocate globally for periods ranging from a few months to more than one year
- Given a complete recipe, use the selected cold spray machine to execute the prescribed process with precision
- Handle consumable materials that may include toxic powdered metal
- Process powdered metal for cold spray application
- Use proper procedures to handle high-pressure gasses
- Prepare substrates of various kinds to receive powder application
- Keep spray areas cleaned as needed
- Directly communicate and collaborate with customers to determine business development needs, addressing customer requirements and concerns as they arise
- Use power tools for machine assembly tasks and proper daily use
- Use testing and measuring equipment such as electrical multi-testers, pressure and vacuum gauges, torque measuring tools, calipers, micrometers, and other precision measuring equipment
- Maintain workstation condition and proper level of consumable supplies
- Stay up to date with cold spray procedures as they may change
- Stay up to date with the operation of cold spray systems, as they may change
- Ensure spray projects are executed within the established scope of work and budget
- Consistently be evaluating current processes to ensure continuous improvement

Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions. Other duties may be assigned.

SUPERVISORY RESPONSIBILITIES:

None

EDUCATION and EXPERIENCE:

- High School Diploma or equivalent required
- Associate degree or higher strongly preferred
- Experience in Sales, Customer Support, or other customer-facing role required
- Two years of proven on the job training (OJT) in a general electronic technology repair or operation environment strongly preferred
- Proficient in generating spray quotes
- Proficient in hand spray and robotic spray
- Proficient in robot programming

LANGUAGE SKILLS:

- Read and interpret documents in English such as safety rules, cold spray recipes, operating and maintenance instructions, work instructions, procedure manuals, newspapers, periodicals, journals, and brochures
- Write routine reports, correspondence, inventory summaries, and reports in English using prescribed format, and conforming to all rules of punctuation, grammar, diction, and style
- Ability to speak effectively in English on the phone and in person with coworkers
- Ability to develop and maintain a professional working relationship with all team members and collaborative partners
- Ability to handle communication with customers in an extremely professional manner

MATH SKILLS

- Proficient: basic math skills with high attention to detail

COMPUTER SKILLS:

- Proficient in Microsoft Word, Power Point, and Excel
- Proficient in electronic forms of communication including email, web searching, and data organization
- Proficient in computer applications, such as inventory tracking and management software

REASONING ABILITY:

- Apply common sense understanding to carry out instructions furnished in written, oral, or diagram form
- Read and interpret design documents and schematics
- Ability to lead and contribute to business development plans and discussions

PHYSICAL DEMANDS:

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. While performing the duties of this job, the employee is regularly required to stand; walk; use hands to finger, handle, or feel; reach with hands and arms; stoop, kneel, crouch, or crawl; and talk or hear. The employee must regularly lift and/or move up to 50 pounds and frequently lift and/or move up to 75 pounds. The employee must be able to see differences in color, widths, and lengths of lines such as those on design and schematic drawings.

ENVIRONMENTAL CONDITIONS:

Inside: Protection from weather conditions but not necessarily from temperature changes. A job is considered "inside" if the worker spends approximately 75 percent or more of the time inside.

WORK ENVIRONMENT:

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job.

- Must be able to work effectively in a dynamic and fast-paced environment, communicate well with others, effectively deal with internal customers and external vendors and customers, and accept constructive criticism
- Must be able to change activity frequently and cope with interruptions

IMPORTANT NOTE: Essential functions of this job are described under the headings above. The job requirements and features are subject to change from time to time due to the dynamic nature of the Company.

It is the policy of VRC Metal Systems not to discriminate or allow the harassment of employees or applicants on the basis of sex, gender identity, sexual orientation, race, color, religious creed, national origin, physical or mental disability, protected veteran status, or any other characteristic protected by law with regard to any employment practices, including recruitment, advertising, job application procedures, hiring, upgrading, training, promotion, transfer, compensation, job assignments, benefits and/or other terms, conditions, or privileges of employment, provided the individual is qualified, with or without reasonable accommodations, to perform the essential functions of the job. This policy applies to all jobs at the Company. The Company will continue to take affirmative action to ensure that individuals are employed, and that employees are treated during employment, without regard to their sex, gender identity, sexual orientation, race, physical or mental disability, protected veteran status, or any other characteristic protected by law in all employment practices.

Employees and applicants with disabilities and disabled veterans are encouraged to inform Human Resources if they need a reasonable accommodation to perform a job for which they are otherwise qualified. The Company makes, and will continue to make, reasonable accommodations to the known physical or mental limitations of an otherwise qualified applicant or employee to promote the employment of qualified individuals with disabilities and disabled veterans, unless such accommodations would impose an undue hardship on the operations of the Company's business.