

Occupational Description

Job Title: Welder & Fabricator	
Location: NuWave Research Inc., 4060 McConnell Drive, Burnaby, BC, V5A 3A8	Salary: TBD, commensurate with experience
Job type: Full Time	Last Edit: May 2022

General Description:

NuWave is experiencing explosive growth in the rapidly growing agricultural tech Sector. NuWave has revolutionized the dehydration of fruits, and vegetables by utilizing vacuum microwave dehydration technology. Our team produces state-of-the-art industrial dehydrators for food processors that not only increase their profits but also benefit the environment through its clean technology. We are looking to add a Welder that embodies the values of hard work, teamwork, exceptional customer service, and superior craftsmanship.

Position Summary:

The successful candidate is responsible for working with the Welding Team to manufacture industrial dehydration units to Pharma and Food Grade Standards. They will be responsible for the welding, metal graining and manufacturing of the units.

Reports to: Operations Lead

Responsibilities:

- Set up welding machines based on the job at hand or using a Welding Procedure Specification
- Read and interpret blueprints and/or drawings to determine the specific welding requirements
- MIG and TIG weld stainless-steel components based on the specifications of the blueprints and/or drawings
- Ensure work is done safely and meets high quality standards
- Follow, create and help maintain Welding Procedure Specifications
- Operate machinery used in the production process, or assist machine operators
- Assemble items as instructed
- Keep work areas clean and organized and take proper care of all equipment and facilities
- Follow all company rules and policies
- Provide a high level of attention to detail and focus on the given task
- Follow all safety rules and quality standards
- Work with team members to maximize productivity and efficiency
- Lift raw materials, final products, and items packed for shipment, either manually (up to 50lbs), or using a forklift
- Uphold all ISO and Worksafe BC standards applicable to the responsibilities above

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Experience:

- High school or equivalent – required
- Certified Welder – Level A and or “Red Seal” / minimum 2-3 years’ experience required
- TIG welding stainless steel experience
- Purge welding will be an asset.
- Range of welding will be from 0.065 wall full penetration sanitary tubing to 3/8” plate
- Experience with Food /Pharmaceutical grade (#4 finish)
- Experience operating forklifts, valid CSA Standard B335-15, Industrial Lift Truck Operator Training certification is preferred
- Knowledge of raw materials, production processes, quality control, costs, and other techniques for maximizing the effective manufacture and distribution of goods
- Ability to identify and measure materials
- Ability to produce quality products consistently
- Ability to follow instructions given both verbally and in written form
- Willingness to learn and work to the best of his/her abilities as well as dependable work ethic
- Ability to read blueprints, drawings, calipers, tape measures and angle gauges
- Familiarity with both the metric system and imperial system
- Ability to perform shop math (e.g. convert decimals to fractional equivalents and fractions to decimal equivalents)
- Ability to manage time and multiple priorities to execute high-quality deliverables
- Good interpersonal skills; a person who listens well, respects diversity of opinions and has an open, clear and succinct communication style.
- Capable of working independently and unsupervised for extended periods of time
- Ability to problem solve and communicate effectively
- Strong work ethics and leads by example
- Strong team player, willing to support all areas of the business as required

In house Welding test on Interview day:

- Welding test run by our lead Welder
 - Needs to bring welding mask, and any other protective garments in order to feel comfortable during welding test