

Job Title: Brewer

Position Type: Full Time, Salary

Position Summary: Responsible for the innovation, formulation and production of beer and all related activities. Responsible for purifying and propagating yeast, quality control and assurance of wort and beer during all stages of producing, packaging and distributing beer. The ideal candidate has a home brewing background with an ability to use his/her artistic abilities in the brewing process. The candidate must possess a passion for craft beer and brewing, as well as the desire and ability to produce top-notch, high quality award-winning beers. Ideal candidate has at least 5 years of experience working in a production brewery or brewpub.

Experience: The ideal candidate has at least 5 years of experience working in a production brewery or brew pub, with a working knowledge of all aspects of beer production and packaging (recipe creation, wort production, yeast handling, cellaring, filtering, fining, carbonating, packaging, CIP, laboratory procedures, quantitative & qualitative analysis, etc.).

Education: The ideal candidate has a degree in Fermentation Sciences, Engineering, Microbiology or other closely related course work.

Main Duties and Responsibilities:

This role includes, but is not limited to:

- Operate and maintain a safe work environment
- Oversee and train assistant brewers
- Yeast purification and propagation
- Yeast maintenance and handling
- Microbiology control including, but not limited to, cell counts, viability checks, gram staining
- Track performance markers during wort production, fermentation and packaging including, but not limited to, pH, water chemistry, liquid gravity, sugar and alcohol content, IBU, color specifications, DO₂, DCO₂, microbiological stability
- Wort production
- Maintain an orderly laboratory environment and accurate data documentation
- Maintain and calibrate analytical equipment
- Gather and analyze data, and prepare reports relating data to brewing process
- Fermentation and yeast management
- Raw material handling,
- Proper chemical inventory, storage and use
- Filtering and clarifying products
- CIP and housekeeping

- Waste reduction, diversion and proper disposal
- QC/QA
- Recipe formulation and pilot brewing
- All aspects of brewing, cellaring and packaging, including record keeping
- Knowing, developing and participating with compliance programs, eg. cGMP, cGLP, cGDP, FSMA, SOPs, MSS, TTB, FDA, LED
- Knowing, developing and participating with audits
- Develop and support special projects around the brewery
- Kegging, bottling, and canning
- Ordering & inventory control
- Shipping and receiving
- Keep clean and sanitary condition within and outside of the brewery while disposing of waste in a safe and appropriate manner
- Working as a representative of the brewery at festivals & special events
- Consumer tastings and education (sales)

Qualifications:

- An excellent palate and the ability to detect subtle flavors
- Laboratory experience with microbiological techniques including aseptic sampling
- Experience calibrating and maintaining laboratory equipment
- Experience handling compressed and liquefied gases
- Experience handling hazardous and dangerous chemicals safely
- High mechanical aptitude and troubleshooting abilities
- An open and flexible mind, positive attitude, and strong desire to learn
- The ability to work independently, maximize productivity, with the ability to lead and direct others
- The ability to repeatedly lift 55 pound bags to a height of 5 feet and the ability to move up to 175 pounds.
- The ability to work on your feet for 8-12 hours a day, 6 days a week
- Strong social skills, positive attitude, networking with the community, and interest in collaborations with other breweries/local businesses
- Excellent oral and written communication skills
- Professionalism
- At least one special ability or trait

Language Ability: Ability to read and interpret documents such as safety rules, operating and maintenance instructions, and procedure manuals. Ability to write routine reports and

correspondence. Ability to speak effectively in front of groups of customers or fellow employees.

Math Ability: Ability to work with mathematical concepts such as probability and statistical inference, fundamentals of plane/solid geometry, and trigonometry. Ability to apply abstract concepts to practical solutions, including use of fractions, percentages, ratios, and proportions.

Reasoning Ability: Ability to solve practical problems and deal with a variety of concrete variables in situations where only limited standardization exists. Ability to interpret a variety of instructions furnished in written, oral, diagram, or schedule form.

Computer Skills: To perform this job successfully, an individual should have working knowledge of Microsoft Excel.

Equipment Experience:

- Lab equipment
 - Microscope
 - UV-photospectrometer
 - Dissolved gas meter with package piercing capabilities
 - Bunsen burners or equivalent
 - pH meter
- Sterilization of lab ware, autoclave and otherwise
- Canning equipment
- Pumps
- Motors
- Air compressors
- Augers
- Pallet jack
- Fork lift
- Wrapper

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. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions. While performing the duties of this job, the employee is regularly required to stand, walk, use hands, reach with hands and arms, climb or balance, stoop, kneel, crouch or crawl, talk or hear, and taste or smell. The employee is occasionally required to sit. The employee must regularly lift and/or move up to 55 pounds. Specific vision abilities required by this job include ability to see color.

Work Environment: The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions. While performing the duties of this job, the employee is regularly exposed to wet or humid conditions (non-weather), work near moving mechanical parts, work in high/precarious

places, fumes or airborne particles, toxic or caustic chemicals, outdoor weather conditions, extreme heat (non-weather), and vibration. The employee is occasionally exposed to extreme cold (non-weather) and risk of electrical shock. The noise level in the work environment is usually loud.