



<b><i>JOB DESCRIPTION</i></b>
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<b>Job Title:</b>	Lab Tech/QC	<b>FLSA Classification:</b>	Non-Exempt
<b>Department:</b>	Production	<b>Reports To:</b>	Production Manager

**About FBCO:**

At FBC, our goal is to always present and provide the highest quality beer and experience to our customers. We will always go the extra mile to satisfy, serve, and respect our customers and partners. This is achieved through employee's focus on attention to details, cleanliness, and a commitment to creating and maintaining a positive workplace environment. Initiative, hard work, and dedication are rewarded at FBC.

**Job Summary:**

Maintain and execute all functions according to policy and procedure, safety requirements, and best practice. Tasks involve routine testing and analysis of product to include wort, beer, and raw materials throughout the brewing and packaging process.

**Essential Job Duties and Responsibilities:** (Additional duties may be assigned)

**Operations**

- Evaluation of raw materials, some of which are grown by the brewery
- Be able to evaluate and adjust for variations in raw materials to produce consistent batches of beer
- Cell counts and yeast viability analysis
- Yeast propagation, collection, and management
- Establish and maintain good communication between departments within the brewery
- Fermentation monitoring
- Ensure operations comply with Company Quality, Sanitation and Safety standards and health and sanitation regulations
- Plating and testing for beer spoilers
- Calibrate Carboblend during each filtration run to ensure consistent ABV and CO2 levels
- Follow and develop company SOP's
- Beer data collection: ABV, IBU, SRM, CO2, DO, Plato, Ph, etc
- Maintain sanitary lab environment and lab supplies inventory
- Perform and manage sensory program
- Maintain beer library
- Adhering to FDA/Health Dept. guidelines (FSMA)
- D.O. analysis of packaged beers
- Plan and track batches in EKOS software
- Calibration of QC and lab equipment
- Audit brewery inventory levels and perform input of new raw materials
- Light cellar work

- Perform shelf life tests

**Ideal Candidate will have:**

- High school diploma or GED required
- At least 3-5 years of experience in a brewery laboratory or the willingness to learn
- Experience with record keeping
- Degree in microbiology or applicable major
- Passion for the brewing process
- Solid Work Ethic

**Special Requirements:**

- Ability to work a flexible schedule: days, nights and or weekends
- Must have own vehicle, valid Driver's License, current insurance coverage and clean driving record

**Knowledge, Skills, and Abilities:**

- Strong communication, administration, and managerial skills to interact with customers, vendors, and coworkers in a professional manner
- Must possess superior organizational and planning skills.
- Possess the ability to multi-task and manage stressful circumstances associated with a fast-paced work environment
- Knowledge of organizational structure, workflow, and operating procedures
- Knowledge of planning and scheduling techniques
- Ability to work both independently as well as in a team environment
- Ability to gather data, compile information, and prepare reports
- Hands-on leadership skills for developing and training a team
- Superior understanding of quality assurance / quality control and problem-solving skills
- Create an environment where other employees feel empowered to be able to voice concerns, speak up and admit mistakes, and halt production due to quality concerns
- Ability to think critically to help FBCO improve processes, procedure, organization, & quality control
- Desire to learn, grow, and take on increased responsibilities
- Positive Attitude

**Equipment, Machines and Software Used:**

This position requires the regular use of a computer, printer, plc's, copier, telephone, scanner, calculator, fork lift, various power tools, hand tools, O2 meter, CO2 measuring device, spectrophotometer, Anton Paar alcolyzer, etc.

Computer Software: EKOS, Microsoft Office to include Word, PowerPoint, Outlook, Excel, Google G-Suite, and Maintenance Software

**Physical and Mental Requirements:**

- Ability to stand for extended periods of time, walk, talk, hear, use hands to finger, grasp, handle or feel, push, pull, reach, crouch, kneel, crawl or bend, and perform repetitive motions of the hands and/or wrists
- Ability to frequently lift and/or move up to 55 pounds
- High mental and visual attention required for planning difficult work methods and sequences to obtain size, shape, or physical qualities of product

**Environmental Conditions:**

While performing the duties of this position, the worker is exposed to inside environmental conditions, extreme heat, potential for physical injury, exposure to hot fluids, pressurized

vessels and transfer lines, strong odors, chemicals, and moving machinery

Disclaimer:

- All requirements are subject to possible modification to reasonably accommodate individuals with disabilities
- This job description in no way states or implies that these are the only duties to be performed by the employee(s) occupying this position. Employees will be required to follow any other job-related instructions and to perform any other job-related duties requested by their supervisor
- The company reserves the right to add to or revise an employee's job duties at any time at its sole discretion
- This document does not create an employment contract, implied or otherwise, other than an "at will" employment relationship

<b>I acknowledge that I have read this job description and have received a copy for my records.</b>	
<b>Employee Name:</b>	
<b>Date:</b>	