

Job Title: Lab Technician I
Department: MD Department
Reports To: MD Manager

Grade: 3
Status: Non Exempt
Position: 240L

Description: To manufacture coatings used in the production department. Mix paints and other coatings for use in the coatings process according to formulas, which includes the blending of solid and liquid ingredients. Mixing methods include but are not limited to stirring mixtures with a paddle. Pours pigments, paint paste, vehicle, and thinner into can. Compares mixed liquid with desired color sample to ensure that it matches. May also blend colors to obtain desired shades. Will test specific gravity of mixture, using hydrometer. Will test mixtures for conformance to prescribed standards, using test devices such as pH meter, resistivity meter, titration apparatus, colorimeter, thermometer and viscometer.

Essential Duties/Responsibilities:

- Mix coatings according to formula instruction sheets
- Maintain inventory of components required to make formulas
- Notifies purchasing of needs in a timely fashion
- Follows Engineering's verbal and written instruction in the manufacturing and testing of new formulas
- Manufactures color concentrates and acid accelerators for use in formulas
- Maintains lot vital logbook for issued coatings and manufactured products
- Uses color match system to make formula adjustments in color
- Measures and records all pertinent information in the manufacturing of components and coating
- Retains documentation in a presentable manner
- Keeps area in a neat and orderly fashion; no open or unmarked containers
- Follows safety instructions; wears safety apparel as required
- Consistently demonstrates the ability to perform in a semi-independent manner
- Maintains cooperative relationships with other Managers, Supervisors and all Employees
- Respect the confidentiality of the Company, vendor and customer information
- Oversees the water and /or solvent type coating waste "Satellite accumulation areas"
- Operation of the distiller and/or J-press equipment
- Perform other tasks as assigned

Education/Experience Required:

- High School degree or equivalent
- At least 1 year of experience in manufacturing/fabrication environment
- Basic knowledge of MS Word and Excel
- Strong verbal, written and interpersonal skill
- Strong math skills

Education/ Experience Preferred:

- Associate's degree from an accredited College in science or engineering or comparable on the job experience

Qualifications:

- To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill and and/or ability required.

Physical Demands:

- Must be able to speak and hear. Must be able to communicate, read and interpret documents written in English. Must be able to communicate effectively with immediate supervisor. Must be able to stand or sit for extensive periods of time and lift from 10 – 40 lbs. Will be required to wear a respirator, safety glasses and a lab apron. Flow of work and character of duties involve normal mental and visual attention along with manual coordination; or part-time normal and part-time concentrated attention and coordination.

Work Environment:

- Good working conditions. Some exposure to elements such as odor, noises, dust, heat, cold or chemicals. Some elements present, which make conditions less desirable than usually found in office.

PPE:

- Face shield, safety glasses, respirator, chemical apron, nitrol gloves, steel toe shoes.

Reasoning Ability:

- Must have math skills. Ability to interpret job related instruction in written, oral, schematic or schedule form. Must have ability to solve practical problems.

Supervisor may assign other job-related duties that are not defined here.

Increased independence and proficiency are expected as they learn the job described.

All employees are reviewed annually by Supervisors to determine what training needs to be upda