Position Purpose

- This position ensures federal, state, and local compliance in all waste streams at the AmesburyTruth Owatonna facilities. It also insures in specification process control for the paint system. The incumbent is also responsible for checking and maintaining the waste water treatment systems, reverse osmosis filtration system, waste from the Kolene and all associated equipment. (This includes pumps, piping, holding tanks and chemicals associated with these processes.) Out of compliance issues can result in plant shutdown and/or fines.

Essential Duties & Responsibilities

- Perform analysis of burnishing soap, take readings on the reverse osmosis systems, accurately test paint chemical baths, perform periodic readings on all discharged waste streams, and make appropriate decisions based on information collected.
- Determine and perform adjustments to chemistries as described by control plan or supplier recommendation.
- Review and follow MSDS information to ensure proper personal protective equipment and appropriate handling of chemicals as well as overall plant safety.
- Label and identify chemicals and waste streams to ensure conformance to OSHA regulations.
- Maintain accurate and up-to-date records of testing results and chemistry adjustments.
- Consistently monitor and accurately report facility sewer discharges and waste streams leaving the facility, maintaining local, state and federal regulations.
- Collection and disposal of waste streams in an efficient manner per pertinent regulations.
- Communicate continuously with internal departments and supervisor of out of specification and disturbing trends to ensure correct concentrations of baths and proper waste treatment is completed on paint process tanks and waste streams.
- Perform preventative maintenance on equipment as required by work order check sheets or experience, always documenting preventative maintenance actions taken, and reporting/assisting in necessary adjustments that are needed.
- Report and assist in repairing broken or defective equipment as well as installing new equipment.
- Observe output from processes, maintaining accurate and current records of observations. Report and assist in resolving irregularities observed.
- Monitor current chemical supply inventory and replenish as needed.
- Oversee the start up and shut down of equipment.
- Maintain work areas so they are well-organized and clean in a manner that ensures optimum productivity and eliminates safety hazards.

Knowledge / Skills / Abilities

- **Learning Period** - Six months is required to learn the basics of this position. To perform all aspects of this job with minimal supervision requires one year

Qualifications / Prior Experience

- **Skills/Abilities** - Detail oriented, able to prioritize tasks, and to work independently. When team effort is needed, the incumbent will work as a team player, contributing to improvement efforts, and taking pride in his/her work. Demonstrate
accurate math skills in computing and recording numbers, and performing statistical calculations involving processes, testing, checking and the analysis of chemicals and additions. The incumbent must be able to read and understand instructions and procedures accurately. A key requirement in this position is flexibility, as extended hours and weekend work is required. The wearing of PPE safety equipment, including respirators, is required.

- **Training and Experience** - High school graduate or GED. Knowledge in chemistry, experience with waste treatment, and mechanical experience is desired.

- **Relations with Others** - The position holder will work with multiple departments and areas such as the Environmental Engineer, Shift Leads, Engineering department, supervisors, the warehouse area, suppliers, and other maintenance team members. This multi-level effort is needed when process changes are necessary, when chemistry does not meet specifications, or when equipment alterations or repairs are needed. The incumbent must be able to communicate effectively, interact, and work well with others. The ability to provide work direction is required, as is participation in small group activities such as a Process Improvement Team.

- **Problem Solving and Decision Making** - The incumbent is expected to exercise judgment in analyzing quality problems and making the necessary adjustments to equipment and chemistry. To deter significant losses of money, time and materials, the position holder must determine quickly whether subtle changes in discharges are significant, taking action to correct, and also in determining a course of action in preventing non-conforming discharges from waste streams and out of specification numbers on the reverse osmosis filtration system. These skills require a person who is detail oriented, is mechanically inclined, well-organized, and able to prioritize job duties in multiple areas at the same time.

- **Supervision Received** - Position requires minimal supervision and works independently. The position holder is expected to refer only exceptional problems to the Waste Coordinator, Shift Lead, or Supervisor. For example, the incumbent must take the initiative to inform supervisor regarding out-of-specification situations as well as disturbing trends so immediate action to resolve these issues can be taken. Failure to follow through in this type of situation can result in a plant shutdown and/or fines. Experience and standardized procedures are used as guides for completing necessary job duties.

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**Work Environment / Other Requirements**

- **Working Conditions and Hazards** - Exposed daily to various chemicals, fumes and solutions in the waste treatment process including highly reactive acids and caustics. There is exposure to heat hazards in excess of 900 degrees Fahrenheit. Sounds levels are greater than 85 decibels. The position holder is regularly exposed to dirt, dust, and oils. There is a potential exposure to electrical devices in aqueous solutions. PPE consists of heat resistant suite, goggles, face shields, aprons, chemically resistant gloves, respirator, safety shoes, safety glasses with side shields, and other devices as required.

- **Physical Effort Required** - Positions including bending, reaching, stooping, pulling, pushing, walking and standing are required. The incumbent must have good eye-hand coordination, have good dexterity, and be able to determine subtle shift in color in chemical analysis. The position requires standing the majority of the shift, the ability to climb stairs and ladders, and the ability to push 500 pound barrels on dollies. The ability to push a waste dumpster on casters weighing in excess of 400 pounds. A respirator is required, so facial hair and jewelry cannot be allowed to interfere with the fit of the respirator.

- **Equipment Operated** - Oil skimmers, various pumps and filtration equipment, spectrophotometer, conductivity meter, pH meter, reverse osmosis water filtration, filter press, pressure washer, waste water treatment, sludge management system, forklift, sludge cart dump system, and computer.