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[www.mnsoy.com](http://www.mnsoy.com)

## Minnesota Soybean Processors

### Job Description

**Title:** Boiler Operator  
**Department:** Soy Processing  
**Reports To:** Facilities Manager  
**Supervises:** N/A

**Revision Date:** 06/08/2018

### Summary:

Coordinate the process operation of the cooling tower and boiler room equipment with plant personnel to efficiently meet the needs of production.

### Essential job functions

- Exhibit safe work practices as a condition of employment, discussing problems or unsafe conditions with management.
- Ability to work in a constant state of alertness and safe manner.
- Maintain operation of all equipment located in the boiler house; boilers, DA filters, plant water pre-treatment and post treatment, reverse osmosis system, water softener, pumps, and related equipment.
- Maintain operation of the cooling towers/pump houses, and related equipment.
- Test and maintain proper water chemistry throughout the affected areas.
- Perform and record the safety checks required for safe and efficient operation.
- Maintain a log that chronicles the day-to-day happenings in the affected areas.
- Track chemical usage and inventories. Maintain inventories of plant expendables and frequently used items.
- Under given purchasing authority, make purchases in a cost-effective manner.
- Provide training on cooling towers, boilers, and related equipment to Employees to maximize growth potential and knowledge.
- Understand the plant's steam distribution and condensate returning system to enable you to troubleshoot problems in the system.
- Develop and maintain a working relationship with chemical representatives to ensure a resource for treatment issues that may arise.
- Communicate to the environmental technician problems which may arise and work together on problem solving.
- Maintain housekeeping in areas in and around the boiler houses, pump houses, and sanitary/storm ditches.
- Participate in monthly training classes as required on environmental, health and safety.
- Complete work in a timely, accurate and thorough manner and is conscientious about assignments.
- Coordinate work functions with fellow employees and other departments.
- Maintain clean and orderly work areas.
- Perform housekeeping inside and outside of all bean receiving and loadout areas.
- Follow all company policies and procedures.
- Foster a culture of safe behavior and environmental compliance at all times.
- Work in an honest and ethical manner; maintain confidentiality on all business related matters.
- Work 12 hour shifts that rotates between day shift and night shift every four weeks.



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- Work extended hours or additional overtime as needed to meet business demands.
- Physically report to work on time at their assigned locations and is seldom absent.
- Maintain a team environment with other departments at all times.
- Maintain a high level of customer service and friendly atmosphere.
- Perform other duties as assigned or needed.

### Qualifications

#### Technical

- High school diploma or equivalent
- Must possess the ability to communicate both verbally and written
- Must possess the ability to train fellow Employees and management staff
- Basic math skills
- Water chemistry knowledge
- Must hold current license of: 1<sup>st</sup> Class B License from the State of Minnesota.

#### Physical

- Ability to frequently bend, squat, kneel, climb, sit, stand, walk, handle objects, reach above shoulder level, use fine finger movements, and push/pull
- Ability to frequently carry/lift light to heavy loads of 25-50+ lbs.

### Working Conditions

- Exposed to excessive noise
- Works around moving machinery
- Exposed to marked changes in temperature
- Exposed to dust, fumes, and gases
- Drives motorized equipment
- Work on or around high structures
- Occasionally works in confined quarters

### Disclaimer

The above statements are intended to describe the general nature and level of work being performed by people assigned to this classification. They are not to be construed as an exhaustive list of all responsibilities, duties, and skills required of personnel so classified. All personnel may be required to perform duties outside of their normal responsibilities from time to time, as needed.