



JOB DESCRIPTION

MDS Operator

Summary

This position operates the Molasses Desugarization Plant in a safe and efficient manner

Principal Working Relationships

- Supervisor Campaign: Shift Superintendent, Sugar End Technician
- Supervisor Inter-Campaign: Shift Superintendent, Sugar End Technician
- Others: MDS Assistant, Extra Gang (MDS)

Essential Job Duties

- The MDS Operator operates the MDS plant in a safe and efficient manner, and as directed by supervision
- The MDS Operator must understand and be able to apply their knowledge of the following:
 - ▶ Raw Material and Product Storage, Handling, and Composition (including molasses, raffinate, betaine, extract, upgrade, etc.)
 - ▶ Molasses Filtration
 - ▶ Simulated Moving Bed Separator Theory and Operation
 - ▶ Steam, Evaporator, and Condensate Theory and Operation
 - ▶ Chemical Feed Systems (including antifoams, filter aid, soda ash, caustic, etc.)
 - ▶ Laboratory Operations (including gathering of MDS samples and running the analysis)
- Assure that all areas are kept clean within the safety, food safety, feed safety, and sanitation guidelines.
- Complete reports as required.
- Develop the process and mechanical knowledge and skills of self and others through training.
- Use people, time, equipment, and material in the most efficient manner.
- Report mechanical, electrical, instrumentation, environmental, food safety, feed safety, and operational problems, and unsafe conditions to supervisor.
- Other duties as required by the business.
- Adhere to all company policies and all safety, food safety, feed safety, and sanitation rules and programs

Qualifications

- High school education or equivalent.
- Process related experience.
- Prior satisfactory training and competent fill-in as MDS Operator.
- Should be motivated, willing, enthusiastic, and promotable.
- Good attendance, safety, disciplinary, and overall employment records.
- Ability to communicate and work cohesively with others.
- Inter-campaign maintenance skills greater than or equal to Mechanic III.
- Organized with excellent time management skills
- Ability to communicate effectively with employees at all levels

Physical Demands and Expectations

Lift
 Bend
 Walk
 Climb stairs

Acknowledgement

I have reviewed this job description and am able to perform all duties required.

Print Name

Signature

Date