



ASSISTANT BOILER OPERATOR (Sugar Industry Level 4 to7 dependent on Training)

Responsibility List:

This position reports to the Boiler Operator and/or Shift Supervisor and is responsible for the efficient operation of the steam generation plant by assisting the Boiler Operator in controlling the operations of the Boiler station and by closely monitoring boilers and associated plant, undertaking duties which will ensure that the plant is both safe and reliable and maintain good housekeeping in the boiler area. The routine duties of this position are:

- Safely carry out operations following procedures and making recommendations for improvements.
- Complete log and provide advice on quality and performance matters as well as maintenance and machinery defects as required.
- Operate equipment to safely achieve throughput, efficiency and quality targets.
- Regularly monitor the state of operations in the field to optimise product quality, station performance and operation.
- Operation of alternators and associated equipment.
- Monitor and check all boiler station auxiliary equipment including fans and feedwater pumps; ash handling plant; bagasse handling system; boiler submerged belts.
- Maintain the operation of the cooling water, sluicing water systems at the boiler station.
- Clear chokes and blockages from bagasse feeders and generally inspect operation of the feeders.
- Monitor the loading of excess bagasse trucks.
- Relieve the Water Tender/Central Control Room Operator.
- Assist in boiler light up and shut down.

Specialist Training Required:

- Satisfactory completion of internal training in operation of steam plant.

Qualifications Required:

- Steam Turbine with a power output of 500kw or more Code TO
- Boiler Operation – Standard or Advanced Code BS or BA

Pre-Requisite:

- Previous experience in machinery operating positions.

Selection Criteria:

- Commitment to adhere to Mackay Sugar's workplace health and safety procedures, policies and relevant statutory legislation.
- Aptitude for understanding the risks and precautions associated with the equipment in their area of responsibility.
- Ability to work well in a team.
- Good numeracy skills essential.
- Basic computer skills required to use the computer based control system to control the plant in the area of responsibility.
- Aptitude to use common language skills for reading and verbal communication.
- Aptitude to interpret information presented on the computer based control system and information gathered from regular visual inspections of the physical state of operation in the field and to use this information to make appropriate decisions that will result in quality, efficiency and throughput targets are met.
- Ability to work alone for long periods with minimum direction and instruction and exercise a responsibility for own work.

Physical Requisites:

- Eyesight: Ability to satisfy the vision requirements for a Queensland Driver's Licence.
- Hearing: Ability to hear and differentiate radio and phone communications, and alarms in a noisy environment.
- Ability to work in a hot, moist environment.
- Ability to perform work in a standing position for long periods in a vibrating environment.
- Must be able to lift and carry loads in accordance with the Manual Tasks Advisory Standard 2000.
- Ability to walk and climb stairs regularly as well as the ability to bend and work with back hunched for short periods.
- Ability to perform work while wearing appropriate PPE (e.g. Hearing & Eye Protection).

Other Criteria:

- Relevant experience – sugar industry and other.

- Ability to work a continuous shift roster.
- Knowledge of machinery and/or control systems
- Ability to train other personnel.