



## **Effet/Clarification Plant Attendant (Sugar Industry Level 5 dependent on Training)**

### **Responsibility List:**

This position reports to the Shift Supervisor and is responsible for the efficient and effective operation of the clarification, filter and evaporator stations at the required processing rate. This involves the handling and treatment of factory mixed juice to produce liquor of the required quality, when leaving the final evaporator, and mud with a minimum sugar content when leaving the filters. This position is also responsible for the quality control of juice temperatures, tank levels and minimisation of sugar losses. The routine duties of this position are:

- Safely carry out operations following procedures, using appropriate PPE and making recommendations for improvements.
- Complete log and provide advice on quality and performance matters as well as maintenance and machinery defects and deviations from standard machinery performance levels as required.
- Supervise and operate all filter and evaporator 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.
- Regular collection of mud and liquor samples using standard procedures.
- Monitor the performance of Effet vessels and advise when chemical cleaning is required.
- Monitor the effectiveness of juice heater performance and chemical clean as required.
- Specific tasks as required during maintenance stops, such as filter maintenance and chemical cleaning of evaporators.
- Monitor and check the physical state of operation in the field and take appropriate corrective actions as required with accurate and precise details recorded in the log.

### **Specialist Training Required:**

- Satisfactory completion of internal training in clarification/filters/evaporator operations (on-the-job training).
- Completion of SRI or similar training in evaporation/filter station operation.

### **Qualifications Required:**

- No formal qualifications required.

### **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 being 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 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.
- Ability to perform work while wearing appropriate PPE (e.g. Hearing & Eye Protection & Long Clothing).

### **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.