JOB DESCRIPTION

A IDENTIFICATION INFORMATION
A1 Job title: Superintendent Shift Mechanical
A2 Department/Programme: Factory
A3 Section/Project: Mechanical
A4 Reports to (position): Mechanical Engineering Manager
A5 Supervises (Name of Positions): Supervisor-Mill, Supervisor Cane Yard
B JOB DESCRIPTION
B1 Overall purpose of the job.

- To ensure the smooth operation of all Factory plant and machinery throughout the shift and maintain the engineering services for the production process in close liaison with the Process Superintendent and other Heads of Section in the factory.

B2. Key Responsibilities

- Co-ordinating all the production process engineering activities and operations to ensure maximum utilisation of the plant at minimum cost.
- Achieve maximum sugar recovery from the available cane input to meet the budgeted target.
- Co-ordinating prompt breakdown rectification methods in order to minimise plant / machine down time to keep costs and losses in check.
- Monitor and ensure optimum loading of cane and mills with well-prepared cane.
- Monitor and ensure proper preparation of imbibing liquids and the efficiency of the maceration process.
- Check the hydraulic pressures and adjust mill speeds according.
- Check to ensure that steam and exhaust pressure are constantly adequate.
- Check and ensure Power house loading and power generation /distribution adequacy.
- Direct, co-ordinate and supervise the general maintenance and overhaul of the plant during the off-crop period.
- Ensure the effective utilisation of bagasse in the production of adequate steam for the entire process demands.
- Monitor the observance of all safety precautions and regulations to ensure occupational safe working environment.
- Delegate duties to subordinates to develop and motivate them and carry out on the job training to achieve skilled manpower capacity building.
- Ensure the availability of such spares like mill rollers, scrappers, trash plates and bearings c., and the re-shelling, de-shelling and grooving of rollers.
- Monitor and ensure proper steam generation and operation of equipments in Boilers.
- Monitor and ensure all mechanical equipment operation in process house and taking
- Care of maintenance of standby units when they are not in operation.

C Knowledge, qualifications & Experience
C1.1 Education:

- Bachelors Degree in mechanical engineering or any other related course from the recognized institution.

JOB DESCRIPTION

C2.2: Experience, Skills and Competences:

- A minimum of five (5) years hands on experience as a in a simillar position or fitter machinist on the Sugar factory floor.
- In-depth knowledge in, Sugar industry, mill operations, welding, fitting and rigging, use and application of lubricants, mechanical maintenance procedures
- Experience in handling of shift workers is an added advantage. Good supervisory skills, good communication and interpersonal skills.
- A certificate in basic supervisory management is an added advantage

- **Analytical and Interpersonal Skills:** must also be self-motivated, be proactive going beyond the call of duty, have a keen eye for detail, be result-oriented, and have an ability to work stay calm under pressure.