



MSF Sugar Pty Ltd is an integrated grower, processor, marketer and exporter of raw sugar. MSF Sugar has a 124 year heritage in Australia and a future which centres on being an efficient, reliable, high quality supplier of sugar to international markets.

## ***Electrical Tradesperson Mulgrave Mill***

Applications are invited for the position of Electrical Tradesperson to join the MSF Sugar team. This is a fulltime position located at our Mulgrave Mill, which is approximately 20km south of Cairns.

Reporting directly to the Electrical Supervisor the Electrical Tradesperson will be qualified as an electrical fitter/mechanic and must possess a current Qld Electrical Workers' License. Sugar Mill or other industrial experience would be well regarded; however qualified electrical trade persons with other experience should also apply.

As mill and transport operations are continuous 24/7 during the crushing season, you will be required to work out of normal hours overtime on a rostered, rotational basis.

To be successful in this role you will need to demonstrate the following skills and attributes:

- Safety focused
- Qualified Electrical Fitter/ Mechanic and must possess a current Qld Electrical Workers' License
- Strong communication and interpersonal skills
- Self-motivated
- Ability to work in a team environment
- Instrumentation and control system experience

Highly desirable skills and attributes;

- Instrumentation technician qualification (Dual trade)
- Advanced PLC knowledge and troubleshooting skills (particularly on Allen Bradley Contrologix, Compactlogix, and Schnider Quantum PLC's)
- Industrial communication networks' knowledge and troubleshooting skills
- Pneumatic instrumentation and control system maintenance and troubleshooting skills

This is an outstanding opportunity for a self-motivated and experienced tradesperson, who has good communication skills and enjoys achieving team goals.

MSF Sugar offers a supportive and positive team environment. This is an exciting opportunity to be part of a major player in Australian agribusiness.

Applicants will be required to undergo pre-employment medical and drug and alcohol testing.

Further information can be found on our website - [www.msfsugar.com.au](http://www.msfsugar.com.au) under 'careers', or by contacting:

**Anthony Ballarino – Electrical Engineering Superintendent**

Email: [anthonyballarino@msfsugar.com.au](mailto:anthonyballarino@msfsugar.com.au)

To apply, click 'Apply for this job' via SEEK.

Applications close on **10<sup>th</sup> July 2020**.



**POSITION DESCRIPTION**

<b>POSITION TITLE:</b>	<b>Electrical Tradesperson</b>
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**POSITION AUTHORISATION**

<b>INCUMBENT:</b>		..... (Signature)	..... (Date)
<b>PREPARED BY:</b>	Electrical Engineering Superintendent	..... (Signature)	..... (Date)
<b>APPROVED BY:</b>	Engineering Manager	..... (Signature)	..... (Date)

**POSITION DEMOGRAPHICS**

<b>Business Group/Division:</b>	Mulgrave Mill
<b>Reports Directly to:</b>	Electrical supervisor
<b>Reports Indirectly to:</b>	Electrical Engineering Superintendent
<b>Subordinates:</b>	Electrical/ Instrumentation Apprentices
<b>Team Membership:</b>	Mulgrave Electrical and Instrumentation Team
<b>Work Site:</b>	Mulgrave Mill
<b>Job Status:</b>	Permanent - Fulltime
<b>Qualifications/Experience:</b>	<ul style="list-style-type: none"> <li>• Queensland Electrical Fitter Mechanic License</li> <li>• Skill in designing, reading and interpreting manuals, electrical drawings and schematics</li> <li>• Relevant Leadership experience</li> <li>• Preferred - Knowledge of Milling Operations</li> </ul>

## **POSITION PURPOSE**

The Electrical Tradesperson forms part of the site maintenance teams and so is responsible in supporting the achievement of the site's business plans. Actively promotes the company's objectives within the positions defined responsibility areas.

This position supports ongoing maintenance and capital programs which ultimately enhances the milling and sugar recovery operations to meet the current Mill business plan targets.

The Electrical Tradesperson is also expected to support improvement in systems of work within the responsibility area to improve productivity and safety behaviour.

## **AUTHORITY TO ACT**

In accordance with the company Delegations of Authority policy.

## **KEY RELATIONSHIPS** **(Internal & External)**

Membership and support of the maintenance team to ensure an overall business perspective is maintained. The Electrical Tradesperson supports the remaining engineering team members to deal with ongoing maintenance issues within the responsibility area. Additional relationships need to be established with:

- Production Supervisors and team members
- Cane Supply Supervisors and team members
- Store Personnel
- Safety Officer

**KEY RESULT AREAS**

<b>Areas</b>	<b>Elements</b>
<b>Safety Compliance</b>	<ul style="list-style-type: none"> <li>Attend tool box meetings.</li> <li>Support WH&amp;S audits when required.</li> <li>Environmental issues well managed and all employees given awareness.</li> <li>Working within a team using safe systems of work.</li> <li>Where required complete risk assessments and permits prior to undertaking tasks.</li> </ul>
<b>Controllable Costs</b>	<ul style="list-style-type: none"> <li>Aid in development of maintenance Budgets when directed.</li> <li>Contribute towards YED Budget targets being achieved.</li> <li>Minimise wastage of electrical materials and hardware where possible.</li> </ul>
<b>Capital Development</b>	<ul style="list-style-type: none"> <li>Advise on options for capital improvements when required.</li> <li>Assist with post audits of capital projects when directed.</li> </ul>
<b>Factory Performance</b>	<ul style="list-style-type: none"> <li>Contribute where possible towards Factory availability %, Recovery %, Rate, Electricity Generation and Sugar quality achievement as per YED Budget targets.</li> <li>Monitor, review and optimise factory controllable parameters on an ongoing basis to achieve optimum equipment performance.</li> <li>Troubleshoot, repair and maintain electrical systems including motors, drives, starters, lighting, air conditioning and power distribution systems.</li> <li>Troubleshoot, repair and maintain process control systems including basic field instrumentation, sensors and pneumatic controls.</li> <li>Escalate any tasks or issues to supervisor when appropriate.</li> </ul>
<b>Transport Performance</b>	<ul style="list-style-type: none"> <li>Attend and rectify traffic light faults in a timely manner.</li> <li>Attend and rectify locomotive faults in a timely manner.</li> <li>Follow a rotating on call roster during the crushing season for out of hour's traffic light and locomotive fault work. (A company vehicle will be provided to attend these call outs)</li> </ul>
<b>HR/People</b>	<ul style="list-style-type: none"> <li>Undertake training and skills development as identified and directed.</li> <li>Industrial issues addressed in a timely constructive manner.</li> <li>Adhere to site policies and procedures.</li> </ul>
<b>Teams/Plans</b>	<ul style="list-style-type: none"> <li>Operational / maintenance team members understand the changes required in the current economic climate and funding constraints.</li> <li>Valuable contribution to the Mill electrical team.</li> <li>Follow maintenance and capital work plans as scheduled.</li> <li>Keep suitable and appropriate documented records as per site policy and procedures.</li> </ul>
<b>Plant &amp; Equipment Reliability</b>	<ul style="list-style-type: none"> <li>Ensure maintainability of new equipment and installations.</li> <li>Identify and correct chronic and costly equipment problems when directed.</li> <li>Provide technical advice to team members.</li> <li>Contribute to effective maintenance plan design when directed.</li> <li>Ensure proper operation and care of equipment.</li> <li>Maintain and analyse equipment data and history records to predict maintenance requirements.</li> <li>Contribute to root cause analysis when directed.</li> </ul>

## **SKILL REQUIREMENT**

<b>Areas</b>	<b>Elements</b>
<b>Essential Skills</b>	<ul style="list-style-type: none"><li>• Queensland electrical trade certificate</li><li>• C class driver's license</li><li>• Proficiency in Microsoft Word, Excel and Outlook operation.</li><li>• Excellent written and verbal communication skills</li><li>• Well-developed teamwork, organisational and time management skills.</li><li>• Apply WH&amp;S management principles and processes in the workplace.</li><li>• Compliance with electrical safety standards and legislation</li><li>• Well-developed planning skills and the ability to work autonomously.</li><li>• Problem solving and decision making skills in a maintenance and operational environment.</li><li>• Interpreting electrical schematics</li></ul>
<b>Desirable Skills</b>	<ul style="list-style-type: none"><li>• Certification III in Instrumentation or equivalent qualification/experience</li><li>• Diploma or high in electrical/instrumentation engineering</li><li>• Skilled in troubleshooting, diagnosing, maintaining and repairing electrical, pneumatic, electro-mechanical, electro-hydraulic, and some mechanical equipment and systems</li><li>• Knowledge of control systems, process controls, programmable controllers and related systems</li><li>• Knowledge in the development of control strategies and process and instrumentation diagrams</li><li>• Engineering &amp; programming skills in Yokogawa Centum VP, Exaquantum, RSlogix 5000 (Studio 5000) and ProWorx32.</li><li>• Experience with LV/HV power generation systems</li><li>• Autocad experience</li></ul>

## **GENERAL**

This document outlines the unique characteristics of this position as a guide to role, scope and responsibilities of the position and skills required of the position incumbent.

In addition to these responsibilities the incumbent is an employee of MSF Sugar and as such is accountable to the code of employee behaviour (Code of Conduct) defined by management and related to the company ten overarching policy statements.

Furthermore the incumbent's role is not limited to the areas defined but subject to the organization's needs, may be varied from time to time consistent with the incumbent's training and skills.

Finally, this document serves primarily to make clear to the incumbent the areas of organization activity for which the incumbent has sole or team member responsibility. Standards within which tasks are to be performed, performance is measured and targets are set for improvement will be covered under performance review and continuous improvement processes.