

**1.0 PURPOSE AND SCOPE:**

- 1.1 Lignacite Ltd fully recognises the importance of energy management and is committed to operating its business responsibly and in compliance with all legal requirements and other requirements relating to every aspect of its operational and commercial activities.
- 1.2 Lignacite Ltd recognises climate change as an issue of concern affecting all in society and is committed to using energy efficiently, minimising our impact on the environment and reducing our own carbon footprint.
- 1.3 The business recognises that all aspects of its operations consume energy and is fully committed to be as efficient as possible in its use of energy and natural resources in order to minimise both its impact on the environment through carbon and other emissions and its energy costs.
- 1.4 We employ a continuous improvement process to reduce our energy intensity which is intended to also have a positive effect on the greenhouse gases that we emit both directly and indirectly. We actively support our customers, suppliers and employees to do the same.
- 1.5 This policy is applicable to both the Brandon and Nazeing sites.

**2.0 AIMS:**

- 2.1 Lignacite Ltd is committed to becoming carbon neutral and has set 2030 as the preferred date for achieving this. The company recognises that major changes will be required in the longer term in order to achieve this aim.
- 2.2 As part of this commitment, the company will take the following steps:
  - **Measure:** The company will continue to calculate its carbon footprint at the end of each year. To do this we will calculate our CO<sub>2</sub>e emissions under Scope 1 and 2, which includes direct emissions from company owned or controlled sources and indirect emissions from purchased energy.
  - **Reduce:** The company will establish an energy management committee who will review all energy usage and reduce to as low as reasonably practicable. This will be achieved through a number of initiatives, including switching to low or zero carbon fuel, installing more energy efficient equipment and by training staff to be more energy efficient.
  - **Offset:** Once energy consumption has been reduced to as low as reasonably practicable, the company will offset any residual energy usage by accumulating carbon credits. These will be obtained by investing in approved environmental projects or by purchasing “green” energy which involves purchasing energy at a slightly higher rate from companies that are actively undertaking environmental improvement projects.
- 2.3 The company will look to gain accredited carbon neutral status once we believe our target has been achieved.

**3.0 POLICY:**

- 3.1 The Company complies with all legal and other non-statutory requirements. It is the Company’s objective to carry out all measures reasonably practicable to meet, exceed or develop all necessary or desirable requirements and to continually improve energy performance through the implementation of the following:
  - a) Achieve and maintain compliance with legal and other requirements.
  - b) Assess and regularly monitor the energy consumption of the Company’s activities and the factors contributing to that consumption.

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- c) Continually improve energy efficiency, measured by the use of appropriate Energy Performance Indicators.
- d) Ensure that the information and resources necessary to achieve Energy Objectives and Targets are always available when required.
- e) Review Energy Performance Indicators, Objectives and Targets at least once per year as part of the Management Review process updating Energy Performance Indicators, Objectives and Targets as necessary.
- f) Train employees in energy-related issues, including ensuring that each level of management is trained to the extent necessary to ensure effective understanding appropriate to their role.
- g) Support the purchase of energy-efficient products and services and install low consumption equipment and systems where financially viable to do so.
- h) Reduce our Energy consumption through a formal programme of energy and carbon saving measures.
- i) Pursue the use of renewable and alternative energy sources to supplement conventional energy sources, where reasonably practicable.
- j) Consider energy efficiency as a factor in product development and in process and facility design and in the procurement of goods and services.
- k) Publish to our stakeholders the results and performance on a regular basis.
- l) Measure and audit energy use to identify potential saving areas, our energy and carbon emissions data will be externally verified for accuracy.
- m) Procure adequate and dependable energy supplies at the most advantageous rate and implement appropriate risk contingency plans to protect operations from supply interruptions.

**3.2** To help ensure we give proper consideration to our energy management and environmental responsibilities, this Policy will be implemented, monitored and enforced throughout the workplace. All staff are expected to work towards the aims of this Policy and co-operate with management in its execution.

**3.3** Lignacite is committed to sustaining an Integrated Management System which incorporates the requirements of ISO 50001:2018. Operational controls, together with objectives, targets and programs have been established to support this commitment. Further information on the integrated management system is documented in the Integrated Management System Policy and the Integrated Management System manual, as well as the policy and procedure manual.

**3.4** We expect our supply chain to support our objectives and to cooperate actively to help us achieve them.

**3.5** This Policy shall be communicated to all employees, internal all interested parties and will be prominently displayed in notice board locations. This Policy will be reviewed on an annual basis, or before, when circumstances require it.

Signed:..... *C. de Lotbiniere* ..... Date: *25/7/23* .....

GAJ de Lotbiniere, Chairman

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