

Energy Policy

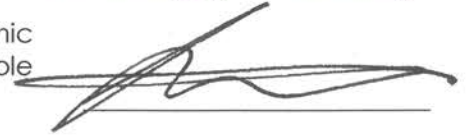
Manganese Metal Company (MMC) is a unique and dynamic company, committed to creating strength through the stable production of quality Electrolytic Manganese Metal.

MMC is committed to a responsible use of energy efficient technologies, therefore undertakes to continuously improve energy efficiency in all aspects of the business as far as it is reasonably practicable while also taking into cognizance the overall carbon footprint. MMC is further committed to ensuring compliance with applicable legal requirements and any other relevant requirements nationally and internationally.

To realise MMC's commitment, we undertake to;

- Investigate opportunities for efficient energy usage at all stages of MMC's processes including but not limited to; procurement, production, transportation etc. and to continuously identify cost-effective upgrades that can reduce costs and improve our processes' efficiency.
- Continuously monitor energy distribution and usage through established monitoring systems to identify actual usage versus targeted maximum usage per receiving equipment, which creates a pathway to meeting the overall efficiency goal.
- Identify deviations in energy usage and take corrective actions to ensure the overall efficiency levels are met.
- Identify existing potential energy-saving opportunities in the production process and provide appropriate and effective awareness and training for employees and contractors to ensure awareness of these opportunities.
- Allocate resources as far as it is reasonably practicable to optimise energy usage plantwide and limit as far as it is practicable the carbon footprint.
- Investigate various options during the procurement stage to ensure energy efficient products and services are considered as first preference, including looking into alternative sources.
- Review this policy annually to ensure energy efficiency interventions are incorporated into the MMC's business strategy and in line with the business key value drivers.

We will be successful when in implementing this policy; we utilise the energy allocated to MMC operations while achieving optimum efficiency out of our equipment/machinery. The policy will be implemented through an energy management plan.



Mr. Louis Nel

Chief Executive Officer (16.1)



Mr. Teheli Morabe

**Chief Operations Officer
(16.2)**



Ms. Madelein Todd

Chief Marketing Officer



Albert Brugman

Chief Financial Officer



Ms. Renet Mentz

Chief People Officer



Mr. Bradley Rottcher

Chief Information Officer

Date: 04/02/2020