



CARBON REDUCTION PLAN



<https://www.biancoreinforcing.com.au>

BIANCO
REINFORCING

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STATEMENT OF ISSUE

This plan outlines Bianco Reinforcing's commitment and strategy to reduce the carbon footprint of its operation.

Bianco Reinforcing will continue to work with its supply chain to actively seek out and adopt new products and technology that support reductions in its carbon contribution profile.

Bianco Reinforcing will conduct a thorough internal audit of its operations to identify opportunities to optimise processes and eliminate waste. A key area of focus will be on reduction of rework and remakes along with the reduction and recycling of waste.

Objective: To achieve a 5% reduction in carbon emissions by 2028.



What We Do

Bianco Reinforcing is a customer focused organization specializing in the manufacturing steel reinforcing products for the buildings, civil and construction industries. Our core services include fast turnaround, made-to-order products, and 24-hour operations. We offer a comprehensive range of services, from estimating and scheduling to manufacturing and processing steel reinforcing and associated products.

OUR COMMITMENT

Health, Safety and Environment

The health and safety of all Bianco Reinforcing employees, contractors and visitors along with reducing environmental impact, are of utmost importance to us. We are dedicated to maintaining a strong safety culture by:

- Maintaining a Work Health and Safety Management system called Skytrust
- Utilizing a Risk Management System (Skytrust – QHSE Integrated Solutions) for risk reduction
- Maintaining AS/NZ ISO 45001 Occupational Health and Safety Management Systems standards and accreditation
- Implementing and maintaining a Environmental Management System compliant to ISO 14001
- Maintaining certification of our products with Sustainable Steel Australia (SSA) to level 2 or higher
- Training our staff in risk and hazard identification
- Identifying environmental aspect and impacts
- Reporting of incidents and unsafe practices





Quality

To provide high quality products and services, we are committed to:

- Maintaining ISO9001 Quality Management Systems accreditation
- Ensuring the understanding and implementation of our quality policies through the organization
- Documenting quality processes
- Continuously analyzing systems and products
- Implementing contingency processes

INTRODUCTION

Bianco Reinforcing prioritizes environmental management and is dedicated to best practices in this area. We expect our employees and contractors to comply with relevant regulation and standards, including the Environmental Protection Act 1993, Environmental Protection Regulations 1994, Approved Codes of Practice and Australian Standards.

Responsibility for the Environment

Everyone associated with Bianco Reinforcing, including subcontractors, is responsible for protecting the environment. No work activities that pose environmental risks are to be directed, expected, commenced or performed.

Subcontractors must meet or exceed our environmental expectations, and corrective actions for hazardous conditions must align with our standards. Safe working procedures and practices must be followed by all personnel.

Waste Management

We are conscious of the environmental impact of waste on our Manufacturing site and promote waste reduction by:

- Recycling materials, including steel and paper
- Utilization off cuts
- Avoiding over-ordering of materials
- Purchasing materials with minimal packaging
- Giving preference to suppliers that encourage the return of packaging items.
- Ensuring proper containment and disposal of refuse



Chemical Waste

All chemicals must be stored in their original containers with tightly sealed lids. Chemical waste should never be poured down drains. licensed waste disposal companies are engaged to handle chemical disposal as needed.

Solvents

To minimize soil, ground water and air pollution, employees and contractors should use water-based or biodegradable solvents whenever possible.

Water Pollution

To prevent water pollution, measures include:

- Controlling and prevent generation of dust, loose litter and debris on site
- Ready access to spill kits to prevent contaminants and accidental entering storm water drains. available
- Avoiding hosing or sweeping litter, leaves and chemicals into gutters or drains
- Keeping rubbish bins covered

Air Pollution

Employees and contractors must take measures to control air quality and dust including:

- Bagging sweepings before disposal
- Ensuring vehicles stick to hard stand areas and maintain low speeds
- Using approved dust extraction or collection devices during manufacturing processed

Noise Pollution

Plant and equipment should be well maintained and where applicable, compliant with local bylaws and WHS regulatory minimum requirements.

Hazardous Materials

Safety Data Sheets (SDS) for hazardous materials must be stored with the products. Spill kits should be available and accessible, and all chemicals must be stored in labelled containers. Manufacturing instructions for handling and storage must be followed to prevent spillage and contamination.

Incident and Hazard Reporting

All employees and subcontractors must promptly report near misses, injuries, property damage, environmental damage or hazards to their supervisor or production manager. Incident details, personnel involved, time, date, location, corrective actions and recommendations must be documented and submitted.

The QHSE department will review the incident and hazards, implementing controls to reduce associated risks and prevent recurrences.

Non-Conformance Report (NCR)

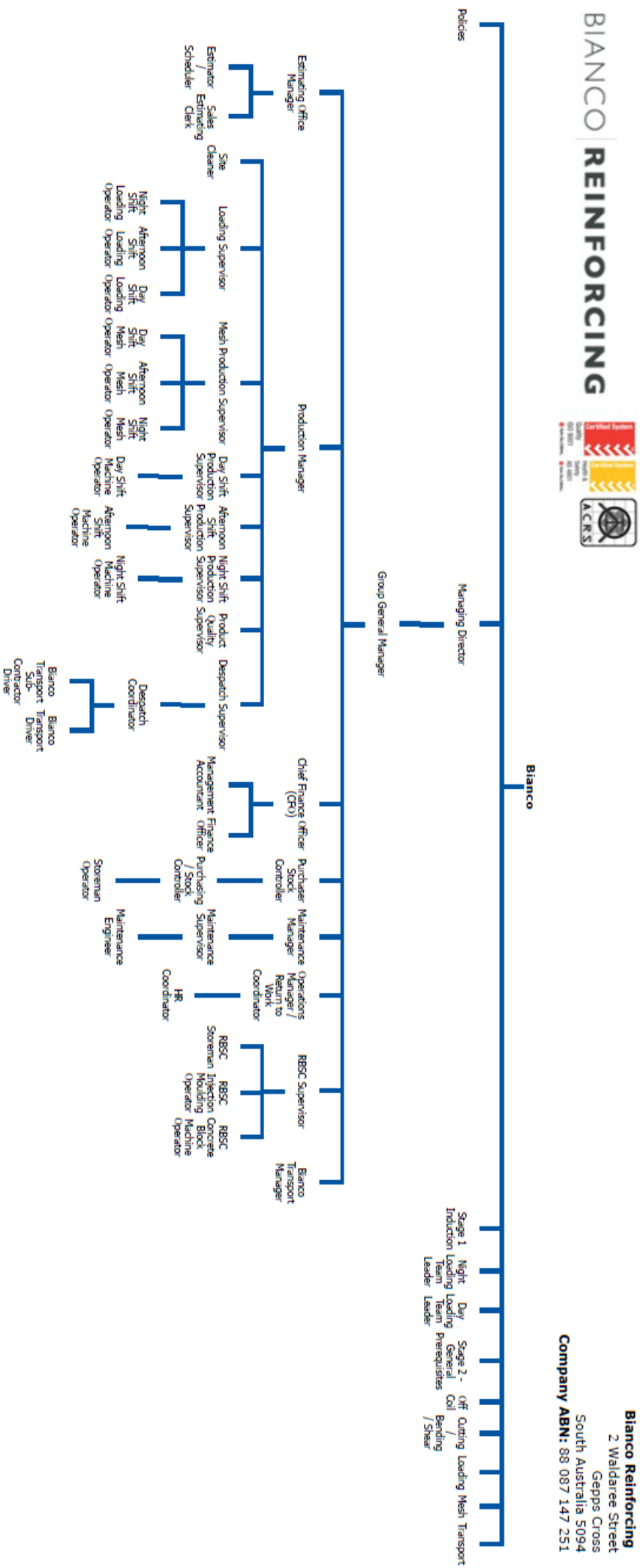
Breaches of environmental measure may result in disciplinary actions for employees. NCR's can be lodged through Skytrust to track and address process and product non-conformance.

Consultation

Daily pre-start meetings and toolbox meetings ensure workers are informed and provide a forum for discussing environmental issues, hazards, and solutions. This proactive approach maintains a high level of WHS and environmental awareness.

Bianco Reinforcing is committed to maintaining a safe and environmentally responsible workplace. This Environmental Management Plan outlines our dedication to the environment and serves as a guide for all employees, subcontractors and stakeholders.





QHSE POLICY**Document Number: POL-RE 01****Revision: 2****Date: 01.07.2023**

Authorised by: Bianco Reinforcing Group Management

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QHSE POLICY

(This policy applies to Bianco Reinforcing Pty Ltd and all its subsidiaries, collectively referred to as Bianco Reinforcing Group)

At Bianco Reinforcing Group, we are committed to being a leading reinforcing steel manufacturing company dedicated to excellence in Quality, Health, Safety, and Environmental (QHSE) performance. Our unwavering commitment to these principles is integral to our mission of providing superior products and services to our customers while safeguarding the well-being of our employees, protecting the environment, and promoting sustainability.

Quality (ISO 9001 Certification):

1. **Commitment to Quality:** Bianco Reinforcing Group is committed to delivering products and services that meet or exceed customer expectations and industry standards. We continuously strive for excellence in all aspects of our operations.
2. **Customer Satisfaction:** We prioritize customer satisfaction by understanding their needs, providing high-quality products, and maintaining effective communication to address any concerns promptly.
3. **Continuous Improvement:** We promote a culture of continuous improvement by setting measurable quality objectives, regularly reviewing our processes, and implementing corrective actions to enhance efficiency and effectiveness.

Health and Safety (ISO 45001 Certification):

1. **Employee Well-being:** The health and safety of our employees are paramount. We are dedicated to providing a safe and healthy work environment through rigorous hazard identification, risk assessment, and preventive measures.
2. **Compliance with Regulations:** We adhere to all applicable laws, regulations, and industry standards related to occupational health and safety. Compliance is nonnegotiable, and we continuously monitor and update our practices to meet or exceed legal requirements.
3. **Training and Awareness:** We invest in training and development to ensure that our employees are competent and aware of the potential risks associated with their work. We encourage proactive reporting of safety concerns.

Environment (ISO 14001 Certification and Steel Sustainability Australia Accreditation - Commitment to implement systems and gain certification)

1. **Environmental Responsibility:** Bianco Reinforcing Group recognizes its responsibility to protect the environment. We are committed to minimizing our environmental footprint through responsible resource use, pollution prevention, and sustainable practices.

QHSE POLICY

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2. **Compliance with Environmental Laws:** We comply with all relevant environmental laws and regulations. Our goal is to integrate environmental considerations into our decision-making processes.
3. **Sustainability:** We are dedicated to achieving Steel Sustainability Australia Accreditation and gaining ISO 14001 certification. Our efforts include resource conservation, waste reduction, recycling, and promoting sustainable sourcing of materials.

Continuous Improvement and Accountability:

1. **Monitoring and Measurement:** We monitor and measure our QHSE performance through regular audits, assessments, and key performance indicators. We use this data to drive improvements and hold ourselves accountable.
2. **Responsibility and Accountability:** Each employee at Bianco Reinforcing Group is responsible for implementing and maintaining QHSE standards within their sphere of influence. We empower employees to take ownership of QHSE in their daily activities.
3. **Communication and Engagement:** We actively engage with our employees, customers, suppliers, and stakeholders to foster a transparent and collaborative approach to QHSE management.

Management Commitment:

Bianco Reinforcing Group' leadership is fully committed to the successful implementation of this QHSE policy and the achievement of ISO 9001, ISO 45001 and the commitment to gaining ISO 14001, and Steel Sustainability Australia Accreditation. We allocate necessary resources, provide leadership, and foster a culture of QHSE excellence throughout the organization.

We believe that by upholding the principles outlined in this policy, we will not only meet our QHSE objectives but also contribute positively to the well-being of our employees, the satisfaction of our customers, and the protection of our environment.

This QHSE Policy is communicated, understood, and implemented at all levels of the organization. It will be regularly reviewed and updated to reflect our commitment to continual improvement and adherence to the highest QHSE standards.



Peter Gregg
Managing Director

ENVIRONMENTAL POLICY

Document Number: POL-RE 03

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ENVIRONMENTAL POLICY

(This policy applies to Bianco Reinforcing Pty Ltd and all its subsidiaries, collectively referred to as Bianco Reinforcing Group)

Bianco Reinforcing Group, a leading supplier of steel reinforcing and associated products to the building and construction industries, is committed to environmental responsibility and sustainability. We recognize our obligation to comply with all relevant environmental laws, regulations, and standards, including the National Environmental Act 1994. In pursuit of our commitment, we aim to achieve certification to ISO 14001 and Steel Sustainability Australia (SSA) standards.

Bianco Reinforcing is dedicated to the protection and enhancement of the environment. Our environmental policy is guided by the following objectives:

1. **Waste Minimization:** We will strive to minimize waste generation in our operations through responsible practices and efficient resource utilization.
2. **Recycling of Natural Resources:** We will actively promote and engage in the recycling of natural resources, reducing the burden on ecosystems and conserving valuable materials.
3. **Reduction of Energy Consumption:** We will work towards reducing energy consumption in our processes and facilities by implementing energy-efficient technologies and practices.
4. **Accidental Pollution Prevention:** Bianco Reinforcing will implement policies and actions to prevent accidental pollution incidents, ensuring the safety of our employees and the environment.
5. **Stormwater Management:** We will take proactive measures to minimize the release of silt and pollutants into the stormwater system, preventing contamination of local water bodies.
6. **Additional Environmental Initiatives:** We will continuously explore and implement new initiatives and technologies that further reduce our environmental impact.

ENVIRONMENTAL POLICY

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Ethical Work Practices: At Bianco Reinforcing, we firmly believe in ethical work practices and the importance of responsible environmental stewardship. We understand that maintaining an environmentally ethical workplace requires the collective effort of all employees and stakeholders. Our commitment to ethical practices includes:

1. **Training and Education:** We will provide ongoing training and education to our employees to ensure they are informed and capable of implementing environmentally responsible practices.
2. **Compliance:** We will strictly adhere to all environmental laws and regulations, and actively monitor our operations to maintain compliance.
3. **Continuous Improvement:** We will foster a culture of continual improvement, regularly reviewing our environmental performance, and seeking ways to enhance our sustainability efforts.

Bianco Reinforcing is dedicated to achieving our environmental objectives and upholding ethical work practices. We are committed to protecting the environment and contributing to the broader community's well-being. Our success in environmental sustainability depends on the shared commitment and active participation of every member of our organization.



Peter Gregg
Managing Director

RECYCLING POLICY
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RECYCLING POLICY

(This policy applies to Bianco Reinforcing Pty Ltd and all its subsidiaries, collectively referred to as Bianco Reinforcing Group)

Bianco Reinforcing Group, a committed supplier in the reinforcing industry, recognizes the importance of environmental responsibility and sustainability. We are dedicated to complying with all relevant environmental laws, including the National Environmental Protection Act 1994 and the South Australian Environment Protection Act 1993. To further demonstrate our commitment, we are actively pursuing certification to ISO 14001 Environmental Management Systems 2004 and adhering to all other applicable Acts and Regulations. We aim to minimize our environmental impact through recycling initiatives and ethical work practices.

Bianco Reinforcing Group encourages all employees, subcontractors, and visitors to actively participate in our recycling efforts. To facilitate responsible waste management, the following guidelines must be followed:

1. **Non-Confidential Papers:** All non-confidential papers must be placed in the designated recycling bins located in all offices. These papers will be collected and recycled.
2. **Confidential Papers:** Confidential papers should be placed in shredding bins provided for this purpose. Once shredded, the paper will be collected and recycled securely, ensuring data privacy.
3. **Cardboard and Boxes:** Cardboard and cardboard boxes should be placed in the designated cardboard recycling bins. Flatten boxes to optimize space and recycling efficiency.
4. **Shrink Wrap and Plastics:** Shrink wrap and plastics should be disposed of in the designated plastic recycling bins. This helps reduce plastic waste and promotes recycling.
5. **Timber Materials:** All timber materials are to be placed into designated timber recycling bins. This ensures that timber waste is properly managed and recycled.
6. **Steel and Reinforcing Off-Cuts:** Steel and reinforcing off-cuts must be placed in the designated steel recycling bins. Recycling steel helps conserve valuable resources and reduces waste.

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RECYCLING POLICY			
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Ethical Work Practices: At Bianco Reinforcing Group, we are committed to ethical work practices that promote environmental responsibility. Our ethical work practices include:

1. **Employee Training:** We provide training and awareness programs to our employees to ensure they understand and actively participate in our recycling initiatives.
2. **Legal Compliance:** Bianco Reinforcing Group adheres to all relevant environmental laws and regulations, actively monitoring our operations to maintain compliance.

Continuous Improvement: We foster a culture of continuous improvement, regularly assessing our recycling performance and seeking ways to enhance our sustainability efforts.

Bianco Reinforcing Group is committed to minimizing our environmental impact through responsible recycling practices and ethical work behavior.



Peter Gregg
Managing Director

		BIANCO REINFORCING GROUP POLICY	
CARBON REDUCTION POLICY			
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CARBON REDUCTION POLICY

(This policy applies to Bianco Reinforcing Pty Ltd and all its subsidiaries, collectively referred to as Bianco Reinforcing Group)

This plan outlines Bianco Reinforcing’s commitment and strategy to reduce the carbon footprint of its operation.

Bianco Reinforcing will continue to work with its supply chain to actively seek out and adopt new products and technology that support reductions in its carbon contribution profile.

Bianco Reinforcing will conduct a thorough internal audit of its operations to identify opportunities to optimise processes and eliminate waste. A key area of focus will be on reduction of rework and remakes along with the reduction and recycling of waste.

Objective: To achieve a 5% reduction in carbon emissions by 2028.

1. Carbon Footprint Assessment

- Conduct a comprehensive carbon footprint assessment, covering direct emissions, indirect emissions from energy consumption, and supply chain emissions.

2. Prioritization of Emission Sources

- Prioritize emissions from the company’s energy consumption and supply chain as key focus areas for reduction.

3. Action Plans

• Energy

Electricity is a significant contributor to both cost and carbon contribution for the Bianco Reinforcing company. A capital program is underway with the upgrading of both plant and equipment to reduce the electrical demand.

- Explore renewable energy sources and where practical implement renewable energy sources.
- Natural light is used where practical with high bay skylights providing adequate lighting during daylight hours. Lighting throughout the plant is being upgraded to energy efficient LED lighting used during times of insufficient natural light.
- A capital expenditure program is underway to upgrade processing machinery to modern state of the art and energy efficient machines. The new PLC machines are compatible with the ASA program and ensure that uptime and process efficiencies can be more closely monitored and managed ensuring less idle time, reduced cost, and energy consumption.
- Improve machine Utilization and optimize efficiency.
- Monitor run times and encourage employees to minimize idle time by turning machines off when not in use.
- Conduct regular energy audits and track consumption.

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- **Feed Stock**

- Bianco Reinforcing is in the process of implementing a Management Information System MIS (ASA) which among other things will assist in the optimization and capturing of processed feed materials kgs vs goods sold kgs. This information will provide a benchmark yield ratio that will be used to measure and drive efficiencies resulting in raw material optimization and the subsequent reduction in energy costs associated with the movement, processing, and waste of raw feed materials.

- **Transport**

- ASA will assist with optimizing transport routes and delivery efficiencies.
- The ASA program will assist with optimizing the scheduling of loads and ensuring more effective truck utilization and optimization reducing distance travelled and fuel used/ tonne of delivered product.

- **Waste Material**

- Waste materials are sorted into appropriate bins.
- Scrap steel is placed into shop bins strategically located throughout the factories before being consolidated into a morrell bin and collected by a licenced metal recycler.
- Carboard and paper is separated and collected by Veolia for recycling.
- Comingled materials are separated in a Comingle Recyclable bin and collected by Veolia for recycling.
- Soft plastics are placed in a general waste bin along with other general non-recyclable items for disposal to land fill.
- The process waste from dust collectors is bagged and collected by Veolia Environmental Services where it is mixed with other compatible dusts and used for general industrial fillers.
- Waste oils and grease used by maintenance along with Kerosene used for parts washing is collected by a licenced recycler (Mulhern's) and processed or blended with other oils into a fuel for Adelaide Brighton Cement.
- Request / encourage suppliers to minimise packaging where practicable
- Audit waste streams to identify and implement waste reduction opportunities.
- Repair damage timber pallets
- Divert irreparable timber pallets to timber recycling

- **Supply Chain:**

- Collaborate with suppliers to reduce emissions in the production and transportation of materials.
- Prioritize local and sustainable sourcing.
- Explore the possibility of using carbon-efficient transportation for product delivery.

4. Resource Allocation

- Allocate a budget for energy efficiency upgrades and renewable energy procurement.

5. Stakeholder Engagement

- Educate employees about the carbon reduction goals and encourage their participation.

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6. Monitoring and Measurement

- Implement real-time energy monitoring systems.
- Measure progress annually through carbon footprint assessments and report results.

7. Compliance and Reporting

- Ensure compliance with all relevant environmental regulations and standards.
- Provide annual sustainability reports outlining carbon reduction efforts, emissions data, and progress toward goals.

8. Continuous Improvement

- Periodically review and update the carbon reduction strategy to incorporate new technologies and best practices.

9. Education and Engagement

- Conduct regular sustainability workshops and awareness campaigns for employees and customers.
- Encourage innovative carbon reduction ideas from employees.

10. Collaboration and Innovation

- Collaborate with industry partners and research institutions to stay at the forefront of carbon reduction technology and practices.
- Participate in industry associations focused on sustainability.

	Current State	Target Reduction
Electricity Kw / hr / tonne	43.31Kw/ hr/ tonne	41.144 Kw/hr/ tonne
LPG / tonne	1375 Kg/ tonne	1306 Kg/ tonne
Feed Stock tonnes / vs Good sold tonnes	70,924 t / 68,860 97,08%	97.5%
Steel scrap % of purchased feed.	2064 t / 70,934t 2.9%	2.6%
Cardboard Paper M2 / month	4.2 M2	3.99 M2
General Waste M2 / month	8.3 M2	7.89 M2



Peter Gregg
Managing Director

		BIANCO REINFORCING GROUP POLICY	
WASTE MANAGEMENT PLAN			
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WASTE MANAGEMENT PLAN

(This policy applies to Bianco Reinforcing Pty Ltd and all its subsidiaries, collectively referred to as Bianco Reinforcing Group)

Bianco Reinforcing Group is committed to minimising waste generation through increased employee engagement, training and promoting best practice recycling options.

Bianco Reinforcing Group will:

- Waste materials are sorted into appropriate bins.
- Scrap steel is placed into shop bins strategically located throughout the factories before being consolidated into a morrell bin and collected by a licenced metal recycler.
- Carboard and paper is separated and collected by Veolia for recycling.
- Comingled materials are separated in a Comingle Recyclable bin and collected by Veolia for recycling.
- Soft plastics are placed in a general waste bin along with other general non-recyclable items for disposal to land fill.
- The process waste from dust collectors is bagged and collected by Veolia Environmental Services where it is mixed with other compatible dusts and used for general industrial fillers.
- Waste oils and grease used by maintenance along with Kerosene used for parts washing is collected by a licenced recycler (Mulhern's) and processed or blended with other oils into a fuel for Adelaide Brighton Cement.
- Request / encourage suppliers to minimise packaging where practicable
- Audit waste streams to identify and implement waste reduction opportunities.
- Repair damage timber pallets
- Divert irreparable timber pallets to timber recycling



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