











Australian Packaging Covenant Action Plan Cigweld Pty Ltd

1st September 2016 – 31st December 2017

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Executive Summary

As a signatory of the Australian Packaging Covenant (APC), Cigweld Pty. Ltd. (an ESAB Brand) looks to reduce the impact of its packaging by modifying package types/materials, reducing packaging volumes and increasing recyclability of its packaging. Cigweld will also work to ensure that the packaging supply chain continuously looks to improve and source the most appropriate packaging in terms of achieving its primary purpose of protecting and presenting products for distributors and end users while also looking to reduce the environmental impact of this packaging.

Cigweld Pty. Ltd. has compiled this action plan to ensure that its efforts in reducing the environmental impact of its packaging and products is aligned with the objectives of the APC and its key performance indicators.

Graeme Williams

Senior Vice President of Sales and General Manager

CIGWELD / ESAB - Asia Pacific

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Company Summary/History

Trading as CIGWELD Pty. Ltd. in Australia, as a fully owned subsidiary of ESAB, CIGWELD is the market leading brand of welding and cutting products distributed throughout Australia, New Zealand, the Near Pacific and South East Asia.

The CIGWELD brand includes an extensive range of gas cutting and arc welding equipment, welding safety and accessories products and welding consumables suitable for a wide range of industry segments including heavy fabrication, construction, mining, shipbuilding, repair/maintenance, farming/agriculture and DIY.

Whilst CIGWELD is the major brand of welding and cutting products marketed by ESAB in the South Pacific region, four other major global product brands including **ESAB**, **Tweco**, **Thermal Dynamics**, **Stoody** and **Arcair** are also marketed in the region.

CIGWELD Pty Ltd is therefore the Australian brand manager of these ESAB brands:

•	CIGWELD	Gas cutting equipment, arc welding equipment, welding safety accessories and welding consumables
•	Tweco	Welding torches, accessories and consumables
•	Thermal Dynamics	Plasma cutting equipment and consumables
•	Stoody	Hardfacing and special purpose filler metals.
•	Arcair	Gouging equipment and consumables

It is Cigweld Pty. Ltd.'s regional responsibility to ensure that appropriate measures are being taken to ensure that the packaging of the six major ESAB brands sold in the South Pacific region cause the least possible environmental impact

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Covenant Contact Officer

Name: Jarrod Brennan

Position: Senior Product Manager, Arc Equipment, Asia Pacific

Postal Address: 71 Gower Street

Preston, Victoria, 3072

Plan Management / Departments Responsible:

An internal cross-functional team has been established to develop and oversee the implementation of Cigweld's National Packaging Covenant Action Plan. The team includes representatives from a broad range of functions within the organisation, all of which have an influence on the companies packaging programs.

A list of the team members has been provided below.

Name Position

Graeme Williams Senior Vice President, GM Sales

Jarrod Brennan Marketing Director

Luke Ostrowski Product Manager – Gas Equipment

Damian Bibby Senior Product Manager – Filler Metals

Steve Rizzo Warehouse Supervisor Australia

Laura Carrazza Senior Product Manager – Arc Equipment

Frank Mennea Marketing Specialist

Packaging Review Schedule

Given the size of the product portfolio all products have been categorised by product type. Note that products under the specific sub groups generally use generic and/or similar styles of product packaging.

In general, the following principles have been applied to Cigweld review schedule.

- New product introductions (NPI's) represent approximately 10-15% of the company's annual revenue. Throughout the development process, product line management and engineering have been directed to work within the principles outlined in the Australian Packaging Covenant - Sustainable Packaging Guidelines.
- Given the nature of the product portfolio, majority of products have a life span of approximately 5 years, after which time they are either reviewed, upgraded or discontinued. As part of this review/upgrade process, product line management have been directed to review all product packaging methods and materials such that the principles outlined the Australian Packaging Covenant - Sustainable Packaging Guidelines are achieved.
- For all items that are not deemed to require regular review, a specific review program has been devised such that all packaging methods and materials are reviewed across 80% of Cigweld product portfolio by the year 2017.

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Product Line	Product Grouping	Status	Packaging Used	Action Taken/Required	Target Date
rc Accessories	Manual Products	In Progress	Plastic bag (hang sell with cardboard insert)	All packaging currently being reviewed.	2014
	Arc Gouging & Slice	Not Commenced	Cardboard outer carton with moisture proof plastic bag	All packaging to be reviewed.	2014
	Accessories	In Progress	Plastic bag (hang sell with cardboard insert)	All packaging currently being reviewed.	2013
	Safety	Complete	Cardboard outer/protective plastic bag	All packaging reviewed and upgraded in line with Sustainable Packaging Guidelines.	
	MIG Guns	Complete	Cardboard outer carton	All packaging reviewed and upgraded in line with Sustainable Packaging Guidelines.	
	Torches - TIG	In Progress	Cardboard outer/protective plastic bag	All packaging currently being reviewed.	2012
	MIG Consumables	Complete	Plastic bag (hang sell with cardboard insert)	All packaging reviewed and upgraded in line with Sustainable Packaging Guidelines.	
	Consumables - TIG	In Progress	Plastic bag (hang sell with cardboard insert)	All packaging currently being reviewed.	
iller Metals	Hardfacing Wire	Complete	Cardboard outer carton with moisture proof plastic bag	All packaging reviewed and upgraded in line with Sustainable Packaging Guidelines.	
	Solid Wire - Mild Steel	Complete	Cardboard outer carton with moisture proof plastic bag	All packaging reviewed and upgraded in line with Sustainable Packaging Guidelines.	
	Solid Wire Other	Not Commenced	Cardboard outer carton with moisture proof plastic bag	All packaging to be reviewed.	2014
	Manual Arc Electrodes	Complete	Cardboard outer carton with moisture proof plastic bag	All packaging reviewed and upgraded in line with Sustainable Packaging Guidelines.	
	Flux Cored Wire	Not Commenced	Cardboard outer carton with moisture proof plastic bag	All packaging to be reviewed.	2014
Sas Equipment	Outfits	Complete	Cardboard outer carton	All packaging reviewed and upgraded in line with Sustainable Packaging Guidelines.	
	Industrial Gas Control	Complete	Cardboard outer carton	All packaging reviewed and upgraded in line with Sustainable Packaging Guidelines.	
	Manifolds	Not Commenced	Cardboard outer carton	All packaging to be reviewed.	2015
	Safety Accessories	Complete	PET clamshells	All packaging reviewed and upgraded in line with Sustainable Packaging Guidelines.	
	Medical Gas Control	In Progress	Cardboard outer carton	All packaging currently being reviewed.	2014
	HP&I Gas Control	In Progress	Cardboard outer carton	All packaging currently being reviewed.	2014
	Outfits - Air Fuel	Complete	Cardboard outer carton	All packaging reviewed and upgraded in line with Sustainable Packaging Guidelines.	
	Outfits - Oxy Fuel	Complete	Cardboard outer carton	All packaging reviewed and upgraded in line with Sustainable Packaging Guidelines.	
	Torches - Air Fuel	Complete	Cardboard outer carton	All packaging reviewed and upgraded in line with Sustainable Packaging Guidelines.	
	Torches - Oxy Fuel	Complete	Plastic clamshells	All packaging reviewed and upgraded in line with Sustainable Packaging Guidelines.	
	Cut. Attach./Handles-Oxy Fuel	Complete	Plastic clamshells	All packaging reviewed and upgraded in line with Sustainable Packaging Guidelines.	
	Consumables - Air Fuel	Complete	Plastic clamshells	All packaging reviewed and upgraded in line with Sustainable Packaging Guidelines.	
	Consumables - Oxy Fuel	Complete	Plastic clamshells	All packaging reviewed and upgraded in line with Sustainable Packaging Guidelines.	
lard Facing Alloys	Hardfacing Wire	Not Commenced	Cardboard outer carton with moisture proof plastic bag	All packaging to be reviewed.	2015
	Manual Arc Electrodes	Not Commenced	Cardboard outer carton with moisture proof plastic bag	All packaging to be reviewed.	2015
	Flux Cored Wire	Not Commenced	Cardboard outer carton with moisture proof plastic bag	All packaging to be reviewed.	2015
	Gas & Tig Rods	Not Commenced	Cardboard outer carton with moisture proof plastic bag	All packaging to be reviewed.	2015
	Filler Metals Other	Not Commenced	Cardboard outer carton with moisture proof plastic bag	All packaging to be reviewed.	2015
lasma Cutting	Manual Plasma Systems	Complete	Cardboard outer carton	All packaging reviewed and upgraded in line with Sustainable Packaging Guidelines.	
	Automation Plasma Systems	In Progress	Plastic bag (hang sell)	All packaging currently being reviewed.	2014
	Torches - Plasma Auto	In Progress	Plastic bag (hang sell)	All packaging currently being reviewed.	2013
	Torches - Plasma Manual	In Progress	Plastic bag (hang sell)	All packaging currently being reviewed.	2013
	Consumables - Plasma Auto	Not Commenced	Plastic bag (hang sell)	All packaging to be reviewed.	2014
	Consumables - Plasma Manual	Not Commenced	Plastic bag (hang sell)	All packaging to be reviewed.	2014
/elding Fauinment	Engine Driven Welders	Complete	Cardboard outer carton	All packaging reviewed and upgraded in line with Sustainable Packaging Guidelines.	2011
Volumning Equipment	Inverter Power Sources	Complete	Cardboard outer carton	All packaging reviewed and upgraded in line with Sustainable Packaging Guidelines. All packaging reviewed and upgraded in line with Sustainable Packaging Guidelines.	
	Conventional MIG Power Sources	In Progress	Cardboard outer carton	All packaging currently being reviewed.	2012
	Conventional M/A Power Sources	Complete	Cardboard outer carton	All packaging currently being reviewed. All packaging reviewed and upgraded in line with Sustainable Packaging Guidelines.	2012
	Wire Feeders	In Progress	Cardboard outer carton	All packaging currently being reviewed.	2012

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Action Plan and KPI Summary Table

Key Performance Indicators	Actions	Responsibility	Baseline Data	Target or performance Goal	Timeline Or Milestones (MM/YY)					
Goal 1. Design – Optimise packaging to achieve resource efficiency and reduce environmental impact without compromising product quality and safety										
KPI 1 1. Percent of new packaging to be	The packaging of all (100%) new product	Product Line	In Progress	All new products to have	2017					
reviewed against the SPG (Sustainable Packaging Guideline)	introductions to be reviewed in line with SPG.	Management		packaging in line with SPG. As product upgrades roll through intent is to complete product range within 4 years						
Percent of existing packaging to be viewed against the SPG	80% of existing packaging to be reviewed either as part of 5 year product life cycle or a specific packaging review	Product Line Management	On Going	80% of existing Cigweld packaging to be reviewed and will be an ongoing process.	2017					
Goal 2. Recycling – the efficient collection and recycling of packaging										
KPI 3 Review on site recovery system with a view to minimise waste and maximise recycling of packaging materials.	Review current arrangements with Visy recycling such that a clear program is in place to maximize recycling of discarded packing materials at Preston Site.	Warehouse Manager/ Production Manager	In Progress	Convert our practices into procedure's and guidelines which will be placed in our company policy	June 2013					
KPI 4 Establish a policy that directs stakeholders to explore the use of recycled packaging materials	Commence and implement policy	Product Line Management	In Progress	Reduce percentage of overall packaging that is purchased with non-recyclable material	November 2013					

Work closely with vendors and Transport companies with a view to improve packaging design and increase the recycling of used packaging	Implement processes for working with others to improve design and recycling packaging	Supply chain members, Marketing	In Progress	Implement a formal process	March 2014		
Goal 3. Product stewardship – a demonstrated commitment to product stewardship by the supply chain and other signatories							
KPI 7							
Reduction in use of printed promotional materials and promotional items (and associated packaging)	Increase use of online marketing and improve collaboration between Marketing and supply chain members	Marketing/supply chain members	In Progress	Expand Australian website capabilities	October 2016		
KPI 8							
Reduction in the number of packaging items in litter by either eliminating accessory item or incorporating into parent product design	Review Plan contents of Power sources with a view to incorporate accessory items into main packaging	Marketing/supply chain members	In Progress	Reductions in overall use of packaging	July 2014		