



ENVIRONMENTAL IMPACT ASSESSMENT

From the foundations of our Enviromental policy the following assessment is to identify, plan and review for continued improvement & pollution prevention in compliance with relevant laws and regulations

Activity/ Area	Aspect	Environmental Receptors					Impacts	Action	Review
		Human	Land	Water	Air	Climate			
OPERATIONS & LOGISTICS									
Machinery	Production & Discharge (Emissions)	X		X	X	X	Indoor Air Pollution (Dust, Heat & Dirt). Water Discharge	New extraction system installed in the new unit. Daily cleaning regime to ensure any escaped dust is captured. Air quality monitoring now in place to ensure ongoing maintenance/improvement. Water filtration system installed to clean water following screen cleaning	Annual service on extraction ducts & Air conditioning. Continuously monitored and assessed in line with new machinery investment . Annual Air quality measurements.
Machiney	Energy Use				X	X	Using renewable energy sources	Future improvement of direct renewable energy rather than from the grid for carbon regeneration - i.e solar/heat source pump	Future investment proposal . Carbon emissions monitored and improvement plans and off set mechanisms in place.
Machinery	Operating Noise	X					Noise pollution	Silencing Baffle system installed in the new factory which has markedly reduced noise levels. Certain equipment also isolated in rooms to minimise noise impact. All operators supplied with PPE (Ear plugs/Defenders)	Noise Levels now monitored by Independant H&S professional to ensure ongoing improvement program. - see noise reduction reports improvement
Substance (Print Screens)	Hazardous Waste	X		X			Groundwater Contamination	contained area * all excess contaminated water filtered into barrels and collected by certified hazzardous waste management (J&G Environmental). Water used in washing process discharged via a filtration system. Staff provided with PPE when handling waste -	Review and trial of environmentally favourable alternatives - plant based inks, ongoing.Digial print capacity as an alternative production method has been increased, these more environmentally friendly processes are gradually replacing screen print.
Substance (Solvent Glues)	Hazardous Material	X	X			X	Human contact & air consumption	*controlled limited flow in assembly with the use of syringes * zone for operations has sufficient square footage for evaporation of solvents , Operatives supplied with PPE (Goggles, masks, gloves as appropriate and indicated in Risk Assessments)	Solvents in continous review and assessment . Constant search for less harmful and environmentally friendly products.
Water	Water Efficiency			X			Water Waste	* installed drinking water dispenser with controlled on/off to avoid any waste *All taps domestic use only, not yet sensed	Annual review of usage levels. Report to landlord if usage increased by staffing levels to install sensor controlled taps
Office	Energy Use				X	X	Use of Non-Renewable Resources	* Communal area light sensors *IT shutdown policy for all office computers overnight LED lighting installed throughout the factory.	*area/personnel identified for factory & office shut down .

Travel (Meetings)	Fuel & Emissions				X	X	Use of Non-Renewable Resources	* Consolidate Physical Client & Supplier visits * Vast majority of meetings now taking place via virtual IT platforms *Electric bike employee initiative	Encourage a move to 100% virtual meetings unless 'face to face' is critical. All critical travel policy train over car
Transport & Traffic (Goods in & Out Factory)	Fuel /Noise & Emissions				X	X	Use of Non-Renewable Resources/Noise Pollution/Air Pollution	* booking system for efficiency & to avoid built up traffic	No Company vehicles. Minimising our direct impact on vehicular use.Encouraging suppliers to use EEV wherever possible.
Transport & Traffic (daily local supply)	Fuel & Emissions				X	X	Use of Non-Renewable Resources/Air Pollution	* Company Van planned routes to consolidate local pick ups	Review use of suppliers with electric vehicles.
Transport & Traffic (Retailer Despatches)	Fuel & Emissions				X	X	Use of Non-Renewable Resources/Air Pollution	* Consolidate bookings of promotions & efficiencies where possible . Reduce and redesigned packaging to allow more pallet spaces per consignment.	Weekly review of consolidations . ongoing R&D to reduce size of each packaged item to improve load volume per lorry.
Carbon Emissions	Carbon Emissions (All)	X	X	X	X	X	Climate All	*Improve efficiencies in all viable areas of operations and services *Achieve carbon neutrality Global Portfolio VCS certified carbon reduction programmes *strive to be carbon regenerative participating in a number of initiaves such as Treetly	Measure and reduce Carbon Emissions . Plan to join UN Global Compact Network as a driver for further carbon reduction initiatives and targets.
PRODUCT									
Raw Materials - 1	Direct Manufacturing Waste		X			X	Landfill	* Waste Segregation *off cuts to be re-used for sampling and jigs where possible *separation of card to Casepak * separation of plastics to Plastics Experts	Review & Monitor Waste targets -PETG now being recycled.Saw dust now being recycled
Raw Materials - 2	External Waste						Landfill	*Through Aark's Sustainable Evolution programme the team are under constant exploration and review of Eco Alternatives *Where possible - recycled over virgin sheet plastic production offer in all client quotations *Where possible - card construction offered over a plastic based manufacture	Monthly review at Aark's Sustainable Evolution Programme. Test and Trial of new environmental alterantives coming to the market. Quarterlysharing workshops lead by Climate Partners. Analysis per project on the recyling end of life gain v's low emissive materials through the production process. Recording of recycled uptake on a quarterly basis and presented back to clients
(Un-used) Finished Materials	Waste		X			X	Landfill	*Finished items either unused or returned where possible broken down for waste segregation	Review & Monitor Waste targets
End of life in Retailer Environmental	Indirect Waste		X			X	Landfill	*Instore guidance - enhance communication and engagement with Boots stores to breakdown and responsibly recycle viable components *Lead from development ease to disassemble to encourage segeration and responsible recycling	Engage with retailer and brand HO's to align communications and targets

Packaging	Waste		X		X	X	Waste/Use of Non-Renewable Resources/Air Pollution	* in review with retailers to slimline the packaging to avoid any excess shipping and to allow consolidation of promotions. Example: TPS now to be in bespoke packaging fit for purpose by item rather than co-packing all items results in 'shipping air' excessive boxes to fit contents	*review challenge and further packaging alternatives due to the fix fragrance tester challenge during transit
Domestic	Waste		X			X	Landfill	*Segregation of Domestic staff/Kitchen waste - Removing Mixed Recycling/ Paper & Card and Food Waste from General Waste *Veolia contracted to responsibly remove and process every 2-weeks	* Regular checks by Aark's sustainable team to ensure the segregation * * Frequent briefings of types of waste by segregation . Food waste now being recycled as a seperate waste stream.
Storage	Energy Use				X	X	Use of Non-Renewable Resources	* 6 month inventory review and stock take with reporting back to clients *aim to cleanse all stock to reduce space by 50% every 6 months	Review & Monitor Inventory Bi-Annually
Installations	Energy Use				X	X	Use of Non-Renewable Resources	* In partnership with all our clients we look to consolidate as many store visits for activity as possible for efficiencies	Longer term aim to move all partner vehicles to electric by 2027
DATE OF LAST REVIEW 20.04.26									