

IDENTIFICATION OF WASTE STREAMS

 Q: E: EN: S:

AREAS OF GENERATION	WASTE OUTPUT	TYPE / COMPOSITION	CLASSIFICATION	PREFERRED MANAGEMENT	ALTERNATIVE MANAGEMENT
All departments	Plastic	Plastic packaging, plastic containers that does not contain chemical residue	(2) (a) (v) Waste packaging	Recycle	General Landfil
All departments	General waste	All waste that is not hazardous and that cannot be recycled	(2) (a) General waste- (ii) Business waste not containing hazardous waste or hazardous chemicals;	None	General Landfil
All departments	Paper / Cardboard	Paper, Cardboard	(2) (a) General waste- (ii) Business waste not containing hazardous waste or hazardous chemicals;	Recycle	None
RMR, Wet End, Finishing, Cutting, Maintenance, Crust, Chemical store	Steel / Metal	Racks, Toggles, Nuts and Bolts, Cans, Copper, metal offcuts, beams, steps	(2) (a) General waste- (ii) Business waste not containing hazardous waste or hazardous chemicals;	Recycle	None
RMR, Wet End, Finishing, Cutting, Maintenance, Chemical store	Wood	Wooden pallets, wooden horses, wood from containers in which machines are received	(2) (a) General waste- (ii) Business waste not containing hazardous waste or hazardous chemicals;	Re-use	Recycle
RMR, Wet End, Finishing, Cutting, LAB, Canteen, Maintenance, Dye mixing, Chemical store, R&D	Empty chemical drums / IBC Flow bins	Containers of different sizes that contained chemicals or oil or grease	2)(b) Hazardous waste- (ii) Mixed Waste: General waste, excluding domestic waste, which contains hazardous waste or hazardous chemicals	Recycle	Landfill
RMR, Wet End, Finishing, Cutting, Maintenance, LAB, Chemical Store, Dye mixing, R&D, Clinic	Hazardous packaging that can not be recycled	Contaminated plastic covers, chemical packaging	2)(b) Hazardous waste- (ii) Mixed Waste: General waste, excluding domestic waste, which contains hazardous waste or hazardous chemicals	Hazardous Landfill	None
Wet End, Finishing, R&D, Chemical Store, Cutting, Maintenance	Chemical Waste	Left over chemical mixes, expired chemicals, spilled Chemicals	2)(b) Hazardous waste- (ii) Mixed Waste: General waste, excluding domestic waste, which contains hazardous waste or hazardous chemicals	Hazardous Landfil	None
Wet End, Finishing, R&D, Split Plant	Effluent	Pigments, Binders, Wash Off, contaminated water	Determined by Bylaw limits, water to be treated before Discharge into Municipal sewer	Waste water treatment	None
RMR, Wet End	Wet Blue Shavings / Trimmings	WB Shavings, Wet blue Leather off-cuts / small pieces	External Classification: Type 1	Hazardous Landfill	Re-use as per exclusion
Crust, Finishing, LAB, SHERQ, Cutting	Finished leather samples / Off cuts	Pieces of leather that has been finished but too small to re-use in the plant	2) (a) General waste- (iii) Non-infectious animal carcasses	Re-use	Landfill
Cutting	Foam	Foam off-cuts, Reject parts	(2) (a) General waste- (ii) Business waste not containing hazardous waste or hazardous chemicals;	Re-use	None

Update:	-	e	f	g	h	Process Owner: Heleen Manley	Quality, Environment and Energy Management: Marinda de Beer	Release Date: 20/07/2023
Date:	08/17 (9.3 F2 04)	07/23						

IDENTIFICATION OF WASTE STREAMS

 Q: E: EN: S:

Cutting	Rebate Foam	Foam off-cuts, reject parts that was imported under rebate conditions	(2) (a) General waste- (ii) Business waste not containing hazardous waste or hazardous chemicals;	Landfil under Customs supervision	None
RMR, Wet End	Wet White shavings	WW Shavings, Wet white Leather off-cuts / small pieces	External Classification: Type 3	Landfill	Re-use as per exclusion
Wet End	Compressed leather dust	Buffing dust collected from buffing machines and compressed	(2)(b) Hazardous waste- (ii) Mixed Waste: General waste, excluding domestic waste, which contains hazardous waste or hazardous chemicals	Hazardous landfill	Re-use as per exclusion
Clinic	Medical waste	Sharps, used swabs, cotton etc.	(2)(b) Hazardous waste- iii) Other: Health Care Risk Waste (HCRW).	Incineration	Hazardous landfill
Maintenance	Oily Rags	Rags used to clean oily surfaces	(2)(b) Hazardous waste- (ii) Mixed Waste: General waste, excluding domestic waste, which contains hazardous waste or hazardous chemicals	Re-use	Hazardous Landfill
Maintenance, Plant	Light tubes / Fluorescent tubes	Fluorescent tubes, LED light tubes, LED light bulbs, light bulbs	(2)(b) Hazardous waste- (ii) Mixed Waste: General waste, excluding domestic waste, which contains hazardous waste or hazardous chemicals	Hazardous Linafill	None
Maintenance	Used Oil	Used oil generated from process i.e., transformers, vehicle servicing, printing machines from Finishing.	(2)(b) <u>Hazardous waste</u> - (i) Waste Products: Asbestos Waste; PCB waste or PCB containing waste (> 50 mg/kg or 50 ppm); and Expired, spoilt or unusable hazardous products.	Recycle	None
Maintenance – Boiler house	Boiler Ash	Ash of Coal burned through the boiler	Ex	Re-use as per exclusion	None
Canteen	Cooking Oil	Used cooking oil that can no longer be used for food preparation	(2)(b) Hazardous waste- (ii) Mixed Waste: General waste, excluding domestic waste, which contains hazardous waste or hazardous chemicals	Recycle	None

IT, SHERQ	E-waste	Cartridges, computers, printers, copiers, empty toners, phones, disks, broken electronics	QUESTION NO. 354 {CW544E} INTERNAL QUESTION PAPER NO.31 of 2019 DATE OF PUBLICATION: 29 November 2019	Re-use	Recycle
-----------	---------	---	---	--------	---------

Update:	-	e	f	g	h	Process Owner: Heleen Manley	Quality, Environment and Energy Management: Marinda de Beer	Release Date: 20/07/2023
Date:	08/17 (9.3 F2 04)	07/23						

IDENTIFICATION OF WASTE STREAMS

Q:

E:

EN:

S:

Maintenance, Canteen	Glassware	Broken windows, any other form of broken glass	(2) (a) General waste- (ii) Business waste not containing hazardous waste or hazardous chemicals;	Recycle	Landfill
SHERQ, Effluent	Effluent sludge	Fibres from production removed from effluent water, chemical residue removed	Classified Type 3	Landfill	None
SHERQ, Effluent	Effluent sludge	Solid residue after waste water treatment	NOT YET COMMENCED: Excluded as a waste stream for beneficial use of brick making – Trials conducted	Re-use	None
Plant	Used PPE	Gloves, hearing protection, personal garments	(2)(b) Hazardous waste- (ii) Mixed Waste: General waste, excluding domestic waste, which contains hazardous waste or hazardous chemicals	Hazardous Landfill	None

Classification and Management

NATIONAL ENVIRONMENTAL MANAGEMENT: WASTE ACT 59 OF 2008; Annexure 1: Wastes that do not require Classification or Assessment

The wastes specified in item 2 of this Annexure do not require classification in terms of Regulation 4(1), nor assessment in terms of Regulation 8(1)(a).

(2) (a) General waste- (i) Domestic waste;	Pre-Classified
(2) (a) General waste- (ii) Business waste not containing hazardous waste or hazardous chemicals;	Pre-Classified
(2) (a) General waste- (iii) Non-infectious animal carcasses;	Pre-Classified
(2) (a) General waste- (iv) Garden waste;	Pre-Classified
(2) (a) General waste- (v) Waste packaging;	Pre-Classified
(2) (a) General waste- (vi) Waste tyres;	Pre-Classified
(2) (a) General waste- (vii) Building and demolition waste not containing hazardous waste or hazardous chemicals; and	Pre-Classified
(2) (a) General waste- (viii) Excavated earth material not containing hazardous waste or hazardous chemicals.	Pre-Classified

Classification and Management

(2)(b) Hazardous waste- (i) Waste Products:

Asbestos Waste; PCB waste or PCB containing waste (> 50 mg/kg or 50 ppm); and Expired, spoilt or unusable hazardous products.

Pre-Classified

Update:	-	e	f	g	h	Process Owner: Heleen Manley	Quality, Environment and Energy Management: Marinda de Beer	Release Date: 20/07/2023
Date:	08/17 (9.3 F2 04)	07/23						

IDENTIFICATION OF WASTE STREAMS

 Q: E: EN: S:

(2)(b) Hazardous waste- (ii) Mixed Waste: General waste, excluding domestic waste, which contains hazardous waste or hazardous chemicals; and Mixed, hazardous chemical wastes from analytical laboratories and laboratories from academic institutions in containers less than 100 litres.	Pre-Classified
(2)(b) Hazardous waste- iii) Other: Health Care Risk Waste (HCRW).	Pre-Classified
<u>ADDITIONAL CLASSIFICATION:</u>	
Wet Blue Mixed leather shavings:	Type 1
Wet White leather shavings:	Type 3
Effluent sludge	Type 3
<u>EXCLUDED AS WASTE STREAMS FOR BENEFICIAL USE</u>	
Leather shavings: Excluded as a waste stream for the purpose of brick making. Not yet commenced. Management plan to be updated and submitted to DFFE on an annual basis	
Effluent Sludge:	
Boiler Ash: Excluded as a waste stream. Bader use for Brick making with external company.	
<u>SPECIAL HANDLING</u>	
Rebate Foam: General waste that has to be separated under lock and key for disposal under the direct supervision of Customs officials.	Dispose under Supervision
Contaminated water / Effluent	Treat before discharge

Italic and Bold font exempted. Document change – refer to previous revision for detail.

Update:	-	e	f	g	h	Process Owner: Heleen Manley	Quality, Environment and Energy Management: Marinda de Beer	Release Date: 20/07/2023
Date:	08/17 (9.3 F2 04)	07/23						