

Schedule 3 - Form Number: A2

Operator: KEPAK Group Limited

Permit Number: AP3433ES

Installation: Dowlais Slaughterhouse

Release to Air

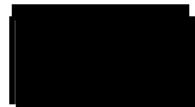
NIL RETURNED

Release Point: A1

Release for Calendar Year ending: **December 2024**

Reporting Form A2			
Parameter	Limit Value	Measured Value	Date of Sampling
Sulphur dioxide (as 20 minute average) mg/m ³	300		
Volatile Organic Compounds (as carbon) mg/m ³	20		
Gaseous Chlorides (as HCl) mg/m ³	100		
Oxides of Nitrogen (as NO _x) mg/m ³	-		
Particulate Matter mg/m ³	100		
Dioxins and Furans** (expressed as ITEQ equivalent) ng/m ³	1		
Polycyclic Aromatic Hydrocarbons (as benzo-a-pyrene) mg/m ³	-		

Signed on behalf of the Operator:



Date ...15/01/2025

Schedule 3 - Form Number: A4

Operator: KEPAK Group Limited

Permit number: AP3433ES

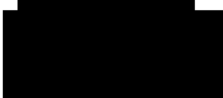
Installation: Dowlais Slaughterhouse

Release to Air

Release Points: A3, A4

Release for Calendar Year ending: **December 2024**

Reporting Form A4				
Parameter	Limit value	Release Point A3	Release Point A4	Date of sampling
Oxides of Nitrogen mg/m ³	-	121.16 Low 125.28 High	121.16 Low 102.68 High	09/03/2024
Carbon Monoxide mg/m ³	-	26.24 Low 35 High	25 Low 26.24 High	09/03/2024

Signed on behalf of the Operator: 

Date ...15/01/2025

Note:

Release Point A3 = No 1 Boiler

Release Point A4 = No 2 Boiler

Mg/m³ for NO_x and CO calculated using:

$$\text{NO}_x \text{ (mg/m}^3\text{)} = \frac{\text{ppm (NO}_x\text{)} * 46}{22.4}$$

$$\text{CO (mg/m}^3\text{)} = \text{ppm} \times 28.01/22.41$$

Schedule 3 - Form Number: A5

Operator: KEPAK Group Limited

Permit Number: AP3433ES

NIL RETURNED

Installation: Dowlais Slaughterhouse

Release to Air

Release Points: A1, Incinerator Bottom Ash

Release for Calendar Year ending: **December 2024**

Reporting Form A5				
Parameter	Limit Value	Value	Release Point	Date of sampling
Total organic carbon content %	-		A1	
Protein Content mg/100g	-			
Total organic carbon content %	-		Incinerator bottom ash	
Protein Content mg/100g	-			
Total organic carbon content %	-		Incinerator bottom ash	
Protein Content mg/100g	-			

Signed on behalf of the Operator:



Date ...15/01/2025

Schedule 3 - Form Number: S2

Operator: KEPAK Group Limited

Permit Number: AP3433ES

Installation: Dowlais Slaughterhouse

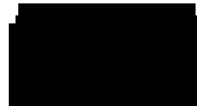
Release to Sewer and Water

Release Point: S1

Release for Calendar Year ending: [December 2024](#)

Reporting Form S2		
Release point	Date of Sampling	Organophosphorus content mg/l
S1	12/12/2024	See attached results

Signed on behalf of the Operator:



Date ...15/01/2025

NOTES:

Schedule 3 - Form Number: R1

Operator: KEPAK Group Limited

Permit Number: AP3433ES

Installation: Dowlais Slaughterhouse

Energy and Water Consumption

Release for Calendar Year ending: [December 2024](#)

Reporting Form R1	
Parameter	Quantity
Delivered Electricity MWh	18,516
Primary electricity (delivered electricity x 2.6) MWh	48,142
Primary carbon dioxide (delivered electricity x 0.2556kg CO2e)	4,582.48 tonnes
Delivered gas MWh	16,865
Process water used m ³	187,571

Signed on behalf of the Operator:



Date ...15/01/2025

Schedule 3 - Form Number: R2

Operator: KEPAK Group Limited

Permit Number: AP3433ES

Installation: Dowlais Slaughterhouse

Waste Return

Release for Calendar Year ending: **December 2024**

Reporting Form R2				
Parameter	Raw Materials Used tonnes	Quantity Used in Production tonnes	Quantity to Waste tonnes	Fate of Waste
Animal tissue - SRM			4,958.36	Incineration
Animal tissue – Bones, Heads & Feet			18,213.58	*Rendering
Blood - Ovine			3,209.51	Anaerobic Digestion
Incinerator Bottom Ash			N/A	N/A
Packaging			**See notes	**See notes
Sanitiser/Hygiene Chemicals/Detergents/ETP Chemicals			333.55	Foul Sewer + Anaerobic Digestion
Refrigerants			0.00	Air emissions
Blood Contaminated Plastics			146.28	Landfill
General / Mixed Waste			701.59	Energy for Waste or Incineration
Plastics, Metals & Cartons			5.58	Recycled
Paper and Cardboard			0.981	Recycled
Baled Cardboard			85.02	Recycled
Wood			36.58	Recycled
Metals			13.46	Recycled
Stomach Content, Lairage Waste & DAF Sludge			17,275.36	Anaerobic Digestion



Signed on behalf of the Operator...

Date ...15/01/2025

Notes:
Sanitisers / hygiene chemicals, detergents and effluent treatment chemicals have been grouped as one category as they are all discharged to sewer or disposed of as effluent sludge.

** Packaging: Packaging waste data is not finalised for the previous calendar year until mid-Mar when it is used for the Packaging Waste Regulations submission. Once this data is available it will be forwarded to NRW.