

Permit Number: EPR/WP3534GX

Operator:

Oscar Mayer Limited (trading as Rowan Foods Limited)

Facility: Wrexham Convenience Foods (Rowan Foods)

Form Number: Air1 30/01/2020

Reporting of emissions to air for the period from 01/01/2019 to 31/12/2019

Emission							
Emission Point	Substance / Parameter	Limit Value	Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
A1	Oxides of nitrogen (NO and NO ₂ expressed as NO ₂)	-	1 hour	80.8 mg/m ³	BS EN14792	13:12 – 14:12 09/07/2019	5.9 mg/m ³
A2	Oxides of nitrogen (NO and NO ₂ expressed as NO ₂)	-	1 hour	88.81 mg/m ³	BS EN14792	12:03 – 13:03 09/07/2019	7.2 mg/m ³
A10	Oxides of nitrogen (NO and NO ₂ expressed as NO ₂)	-	1 hour	89.4 mg/m ³	BS EN14792	10:56 – 11:56 09/07/2019	6.4 mg/m ³

- (1) The result given is the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, the result is given as the 'minimum – maximum' measured values.
- (2) Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with the Agency is used, then the appropriate identifier is given. In other cases the principal technique is stated, e.g. gas chromatography.
- (3) For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements the percentage of the process operating time covered by the result is given.
- (4) The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

Signed *Kieran Foody*

Date 29/01/2020

(Authorised to sign as representative of Operator)

Permit Number EPR/WP3534GX Page 1

- -

- 1 - - 1 -1

Permit Number: EPR/WP3534GX

Operator:

Oscar Mayer Limited (trading as Rowan Foods Limited)

Facility: Wrexham Convenience Foods (Rowan Foods)

Form Number: Sewer1 30/01/2020

Reporting of emissions to sewer for the period from 01/01/19 to 31/12/19

Emission Point	Substance / Parameter	Emission		Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
		Limit Value	Reference Period				
S1	COD	5000 mg/l	Monthly composite	3259	BS 6068 2.34:1988 or SCA Blue Book 215	25/10/2019	
S1	Suspended Solids	1000 mg/l	Monthly composite	910	BS EN 872:2005 or SCA Blue Book 105 ISBN 0117514284	04/02/2019	
S1	pH	5 - 11	Monthly spot	5.6 12.4	BS 6068-250:1995, ISO 10523:1994 or SCA Blue Book 14 ISBN 0117514284	09/01/2019 25/10/2019	
S1	Volume	m ³	Monthly Total	15,595	Flow Meter	Based on actual flow meter readings	

- (1) The result given is the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, the result is given as the 'minimum – maximum' measured values.
- (2) Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with the Agency is used, then the appropriate identifier is given. In other cases the principal technique is stated, e.g. gas chromatography.
- (3) For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements the percentage of the process operating time covered by the result is given.
- (4) The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

Signed

Kieran Foody

Date 29/01/2020

(Authorised to sign as representative of Operator)

Permit Number EPR/WP3534GX Page 2

- -

- 2 - - 2 -2

Permit Number: EPR/WP3534GX

Operator:

Oscar Mayer Limited (trading as Rowan Foods Limited)

Facility: Wrexham Convenience Foods (Rowan Foods)

Form Number: WaterUsage1 30/01/2020

Reporting of Water Usage for the year 2019

Water Source	Usage (m ³ /year)	Specific Usage (m ³ /unit output)
Mains water	304247 m ³	7.3 m ³ /tonne
TOTAL WATER USAGE	304247 m ³	7.3 m ³ /tonne

Operator's comments: Previous year's specific usage was 7.8 m³/tonne (a 6.5% year on year improvement).

Signed

Kieran Foody

Date 29/01/2020

(authorised to sign as representative of Operator)

Permit Number EPR/WP3534GX Page 3

- -

- 3 -

- 3 -3

Permit Number: EPR/WP3534GX

Operator:

Oscar Mayer Limited (trading as Rowan Foods Limited)

Facility: Wrexham Convenience Foods (Rowan Foods)

Form Number: Energy1 30/01/2020

Reporting of Energy Usage for the year 2019

Energy Source	Energy Usage		Specific Usage (MWh/unit output)
	Quantity	Primary Energy (MWh)	
Electricity *	MWh 14086	36625	0.884 MWh/tonne
Natural Gas	MWh 31537	31537	0.761 MWh/tonne
Gas Oil	tonnes		
TOTAL	-	68161	1.645 MWh/tonne

* Conversion factor for delivered electricity to primary energy = 2.6

Operator's comments : Previous year's specific usage TOTAL 1.791 MWh/tonne

Signed

Kieran Foody

Date 29/01/2020

(Authorised to sign as representative of Operator)

Permit Number EPR/WP3534GX Page 4

- -

- 4 - - 4 -4

Permit Number: EPR/WP3534GX

Operator:

Oscar Mayer Limited (trading as Rowan Foods Limited)

Facility: Wrexham Convenience Foods (Rowan Foods)

Form Number: Performance1 30/01/2020

Reporting of other performance indicators for the period

01/01/2019 to 31/12/2019

Parameter		Units
Ready Meal Production	41425	tonnes
Waste Produced	230	Kg/ tonne product
Total raw food material used	1.016	Tonne/tonne product
Total Packaging	90.13	Kg/tonne product
Total Cleaning Chemicals used	14.4	Litre / tonne product
Refrigerants	0.0034	Litre / tonne product
Ammonia Refrigerants	0.0512	Litre / tonne product
Engineering Oils	0.164	Litre / tonne product

Operator's comments: Last year's Waste Kg / tonne product was 234
Food waste reduction remains a key priority for the coming year.
Last year's Total Packaging Kg/tonne product was 103.5
Last year's Total Cleaning Chemicals Used Litre/Tonne product was 11.61

Signed

Kieran Foody

Date

29/01/2020

(Authorised to sign as representative of Operator)

Permit Number EPR/WP3534GX Page 5

- -

- 5 - - 5 -5