

Permit Number: EPR/WP3534GX

Operator:

Oscar Mayer Limited (trading as Rowan Foods Limited)

Facility:

Wrexham Convenience Foods (Rowan Foods)

Form Number:

Air1 29/01/2018

Reporting of emissions to air for the period from

01/01/2017

to 31/12/2017

Emission Point	Substance / Parameter	Emission		Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
		Limit Value						
A1	Oxides of nitrogen (NO and NO ₂ expressed as NO ₂)	-	-	1 hour	84.5 mg/m ³	BS EN14792	11:30 – 12:30 05/07/2017	5.1 mg/m ³
A2	Oxides of nitrogen (NO and NO ₂ expressed as NO ₂)	-	-	1 hour	98.4 mg/m ³	BS EN14792	12:40 – 13:40 05/07/2017	5.5 mg/m ³
A3	Oxides of nitrogen (NO and NO ₂ expressed as NO ₂)	-	-	1 hour	98.6 mg/m ³	BS EN14792	14:00 – 15:00 05/07/2017	6.2 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

Date 29/01/2018

Kieran Foody, Group CSR & Sustainability Manager
(Authorised to sign as representative of Operator)

Permit Number: EPRW/P3534GX

Operator:

Oscar Mayer Limited (trading as Rowan Foods Limited)

Facility:

Wrexham Convenience Foods (Rowan Foods)

Form Number:

Sewer1 29/01/2018

Reporting of emissions to sewer for the period from

01/01/17

to

31/12/17

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
S1	COD	5000 mg/l	Monthly composite	3303	BS 6068 2.34:1988 or SCA Blue Book 215	22/09/2017	
S1	Suspended Solids	1000 mg/l	Monthly composite	1546	BS EN 872:2005 or SCA Blue Book 105 ISBN 0117514284	24/08/2017	
S1	pH	5 - 11	Monthly spot	10.6 12.9	BS 6068-250:1995, ISO 10523:1994 or SCA Blue Book 14 ISBN 0117514284	10/01/2017 22/09/2017	
S1	Volume	m ³	Monthly Total	16,987	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

Date 29/01/2018

(Authorised to sign as representative of Operator)

Permit Number: EPR/WP3534GX Operator: Oscar Mayer Limited (trading as Rowan Foods Limited)
Facility: Wrexham Convenience Foods (Rowan Foods) Form Number: WaterUsage1 29/01/2018

Reporting of Water Usage for the year 2017

Water Source	Usage (m ³ /year)	Specific Usage (m ³ /unit output)
Mains water	274039 m ³	8.3 m ³ /tonne
TOTAL WATER USAGE	274039 m ³	8.3 m ³ /tonne

Operator's comments: Previous year's specific usage was 8.6 m³/tonne.


Signed
(authorised to sign as representative of Operator)

Date 29/01/2018

Permit Number: EPR/MP3534GX

Operator:

Oscar Mayer Limited (trading as Rowan Foods Limited)

Facility:

Wrexham Convenience Foods (Rowan Foods)

Form Number:

Energy1 29/01/2018

Reporting of Energy Usage for the year 2017

Energy Source	Energy Usage Quantity	Primary Energy (MWh)	Specific Usage (MWh/unit output)
Electricity *	MWh 12798	33276	1.010 MWh/tonne
Natural Gas	MWh 28769	28769	0.873 MWh/tonne
Gas Oil	tonnes		
TOTAL	-	62044	1.884 MWh/tonne

* Conversion factor for delivered electricity to primary energy = 2.6

Operator's comments : Previous year's specific usage TOTAL 1.965 MWh/tonne

Signed



Date 29/01/2017

(Authorised to sign as representative of Operator)

Permit Number: EPR/WP3534GX

Operator:

Oscar Mayer Limited (trading as Rowan Foods Limited)

Facility:

Wrexham Convenience Foods (Rowan Foods)

Form Number:

Performance1 29/01/2018

Reporting of other performance indicators for the period

01/01/2017 to 31/12/2017

Parameter	Units
Ready Meal Production	32938 tonnes
Waste Produced	234 Kg/ tonne product
Total raw food material used	1.051 Tonne/tonne product
Total Packaging	103.5 Kg/tonne product
Total Cleaning Chemicals used	16.86 Litre / tonne product
Refrigerants	0.000993 Litre / tonne product
Ammonia Refrigerants	0.0636 Litre / tonne product
Engineering Oils	0.134 Litre / tonne product

Operator's comments: Last year's Waste Kg / tonne product was 235.1

Food waste reduction remains a key priority for the coming year.

Last year's Total Packaging was incorrectly submitted as 0.0975 but should have been 104.4

Signed

Date 29/01/2018

(Authorised to sign as representative of Operator)

