

Notice of variation with introductory note

Environmental Permitting (England & Wales) Regulations 2016

Kellogg Company of Great Britain
Limited

Kellogg's
Bryn Lane
Wrexham Industrial Estate
Wrexham
LL13 9UT

Variation number
EPR/BV8016ID/V007

Permit number
EPR/BV8016ID

Kellogg's Wrexham

Permit number EPR/BV8016ID

Introductory note

This introductory note does not form a part of the notice

The following notice gives notice of the variation of an environmental permit.

The operator is proposing to install a new extrusion production line. It will be similar to the existing production lines and will consist of raw material weighing, two new extruders, a dryer and coating plant and packing of the final product. This will result in four new emission points to air.

Through asset rationalisation the site has removed three packing lines over the past couple of years and it is proposed that a new one will be installed in the place of one of the removed lines. A new palletiser will also be installed which will take products from both the new and an existing production line.

All of the bulk raw materials for the new production line will be supplied into existing silos. The existing glucose and malt tank will be utilised. In addition there are plans to install two new chocolate bulk storage tanks at the front of the building. The remainder of the raw materials required will be delivered to site in the non-bulk format i.e. taybags and IBC's for some liquids.

The existing site building is to be extended to accommodate the proposed chocolate storage tanks. There will be no change in the site boundary.

The new production line will operate 352 days a year, however it is capable of operating 365 days a year, having a maximum through put of 75 tonnes per day. This equates to 17 million kilos per annum.

The schedules specify the changes made to the original permit.

The status log of a permit sets out the permitting history, including any changes to the permit reference number.

Status log of the permit		
Description	Date	Comments
Application received	08/03/05	.
Schedule 4 Notice	Request dated 08/09/05	Response dated 10/10/05
Request to extend determination	18/07/05	Request accepted 22/07/05
Request to extend determination)	31/10/05	Request accepted 02/11/05
Back up cooling water	Received 04/11/05	
Permit determined EPR/BV8016ID	09/11/05	
Application variation KP3135LW	Received 20/02/06	
Additional information supplied	28/03/06	Clarification on a number of points in variation application and amended plan C.01a/1105
Additional information supplied	26/04/06	Response to request for further information letter 25/04/06
Variation Issued KP3135LW	05/05/06	
Application variation VP3823KF	Duly Made 17/02/10	
Variation Issued EPR/BV8016ID/V004	22/03/10	
Application variation EPR/BV8016ID/V005	Duly Made 14/03/12	
Variation Issued EPR/BV8016ID/V005	19/04/12	
Agency variation determined EPR/BV8016ID/V006	21/03/13	Agency variation to implement the changes introduced by IED
Variation application EPR/BV8016ID/V007	Duly Made 28/03/17	
Additional information requested	05/07/17	
Additional information received	08/07/17	
Schedule 5 Notice requesting further information	26/07/17	Request for detailed air modelling
Additional information received in response to S5	03/08/17	
Variation issued EPR/BV8016ID/V007	19/10/17	

End of introductory note

Notice of variation

Environmental Permitting (England and Wales) Regulations 2016

The Natural Resources Body for Wales (“Natural Resources Wales”) in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2016 varies

Permit number
EPR/BV8016ID

issued to:
Kellogg Company of Great Britain Limited (“the operator”)

whose registered office is

**Talbot Road
Stretford
Manchester
M16 0PU**

company registration number **199171**

to operate a regulated facility

**Kelloggs
Bryn Lane
Wrexham Industrial Estate
Wrexham
LL13 9UT**

to the extent set out in the schedules.

Signed

Date

Stephen Attwood

19/10/2017

Authorised on behalf of Natural Resources Wales

Schedule 1 – conditions to be deleted

None

Schedule 2 – conditions to be amended

The following conditions are amended as a result of the application made by the operator

Table 1.1.1 has been updated to include two new dryers and now reads as below.

Table 1.1.1 activities		
Activity listed in Schedule 1 of the EP Regulations	Description of specified activity	Limits of specified activity
Section 6.8 A (1)(d)(ii) – Treating and processing materials intended for the production of food products from vegetable raw materials at plant with a finished product production capacity of more than 300 tonnes per day	Treating and processing materials for the manufacture of breakfast cereals and snack bars	Receipt of raw materials to manufacture, storage and despatch of finished product, cleaning of process plant and the storage, handling and despatch of waste arising from the production process.
Section 1.1 A (1)(a)- Burning any fuel in an appliance with a rated thermal input of 50 megawatts or more	Operating Combustion facility comprising of: 2 x 7.2MW gas steam boilers 1 x 14.7MW gas steam boiler 1 x 16.6MW gas steam boiler 1 x 1.5MW RDX Cooked Product Dryer 1 x 6.34MW All Bran Plant 1 x 4.8MW Bran Flakes Plant 1 x 5.4MW RDX Plant 1 x 6.56MW Fourth Process Plant 1 x 0.3MW Base Dryer 1 x 0.265MW Coating Dryer with a combined thermal input capacity of 70.9MW.	From the generation of energy, cooking and drying of products, discharging to air.
Section 5.4 A (1)(a)(i): Disposal of non-hazardous waste in a facility with a capacity of more than 50 tonnes per day by biological treatment	Screening, treatment by dissolved air flotation and aerobic digestion of process effluent	From collection of effluent from all process areas to the effluent treatment plant to the discharge to public sewer.
Directly Associated Activity		
Yard and roof water collection and discharge to surface water	From collection of surface water to discharge to controlled water.	

Table 2.1.1 has been updated and now reads as below.

Table 2.1.1 Operating techniques		
Description	Parts	Date Received
Application	The response to questions 2.1, 2.2 and 2.10 of the application.	08/03/2005
Response to Schedule 4	Full response	10/10/2005
Application variation EPR/BV8016ID/V004	Non-Technical summary	09/10/2009
Application variation EPR/BV8016ID/V004	Not duly made response letter dated 11/02/2010	12/02/2010
Application variation EPR/BV8016ID/V005	The response to question 5.c in Part C2 of the application.	06/03/2012
Additional information EPR/BV8016ID/V005	Not duly made response email dated 13/03/2012	13/03/2012
Application variation EPR/BV8016ID/V007	Non-Technical summary	07/03/2017

Condition 2.2.1.2 now reads as follows:

2.2.1.2 Emissions to air from the emission points in Table 2.2.1 shall only arise from the source(s) specified in that Table.

Table 2.2.1 has been updated to include the four new emission points and now reads as below.

Table 2.2.1 Emission points to air		
Emission point ref. & location	Source	Location of emission point (shown on drawing number W-BL-303r14 submitted as part of application EPR/BV8016ID/V007)
A1	Steam raising boiler No1	Emission point 106
A2	Steam raising boiler No2	Emission point 106
A3	Steam raising boiler No3	Emission point 106
A4	Steam raising boiler No4	Emission point 107
A5	Product conveying	Emission point 48
A6	All bran dryer bleed fume extraction	Emission point 50
A7	All bran dryer bleed fume extraction	Emission point 51
A8	All-Bran cooler exhaust	Emission point 52
A9	Bran Flakes oven bleed fume extraction	Emission point 55
A10	Bran Flakes oven bleed fume extraction	Emission point 56
A11	RDX oven extraction	Emission point 57
A12	RDX oven bleed fume extraction	Emission point 58
A13	RDX oven bleed fume extraction	Emission point 60
A14	4 th oven bleed fume extraction	Emission point 92
A15	4 th oven bleed fume extraction	Emission point 93
A16	4 th oven bleed fume extraction	Emission point 94
A17	Granola oven cooling extract	Emission point 76
A18	Granola oven 5	Emission point 77
A19	Granola oven 4	Emission point 78
A20	Granola oven 3	Emission point 79
A21	Granola oven 2	Emission point 80
A22	Granola oven 1	Emission point 81
A23	Wet de-duster	Emission point 111
A24	Pellet dryer	Emission point 118
A25	RDX cooked product dryer bleed	Emission point 119
A26	Dry dust collector serving extruders, coating system and general conveyors	Emission point 120
A27	Wet dust collector serving coater dryer	Emission point 121
A28	Wet dust collector serving extruder and base dryer	Emission point 122
A29	LEV dust extraction serving packaging area	Emission point 73

Table 2.10.1 has been updated and now reads as below

Table 2.10.1 Other monitoring requirements					
Emission point reference or source or description of point of measurement	Substance or parameter	Monitoring frequency	Monitoring method	Limit	Reference period
A1, A2, A3 and A4	Oxides of Nitrogen (expressed as NO ₂) (mg/m ³)	Every 6 months	ISO 10849 (unless otherwise agreed in writing by NRW)	n/a	n/a
A18, A19, A20, A21 and A22	Oxides of sulphur (expressed as SO ₂) (mg/m ³)	Every 6 months	BS 6069-4.4 (unless otherwise agreed in writing by NRW)	n/a	n/a
A26, A27, A28 and A29	Total Particulate	Annual	BS EN 13284-1 and MID	50mg/m ³	Hourly average
S1	Suspended Solids (mg/l)	Daily	As agreed in writing by NRW	n/a	n/a
S1	Suspended Solids (tonnes/year)	Annual	See Note 1	n/a	n/a
W1, W2 and S1	Chemical Oxygen Demand (mg/l)	Daily	As agreed in writing by NRW	n/a	n/a
S1	Chemical Oxygen Demand	Annual	See Note 1	n/a	n/a
S1	Flow (m ³ /day)	Daily	As agreed in writing by NRW	n/a	n/a

Note 1: Annual emissions of suspended solids and COD shall be calculated by multiplying the result from the daily sample of the substance by the daily flow, for each day in operation

Table S.2 has been updated and now reads as below.

Table S.2 Reporting of monitoring data			
Parameter	Emission point	Reporting period	Period begins
Sulphur dioxide (mg/m3)	A18, A19, A20, A21, A22	Annual	01/01/06
Oxides of nitrogen (mg/m3)	A1, A2, A3, A4	Annual	01/01/06
Total particulate	A26, A27, A28, A29	Annual	01/01/18
Biochemical Oxygen demand (mg/l)	W1, W2	Quarterly	01/01/06
Chemical Oxygen demand (mg/l)	W1, W2, S1	Quarterly	01/01/06
Chemical Oxygen demand (tonnes/year)	S1	Annual	01/01/06
Suspended solids (mg/l)	W1, W2, S1	Quarterly	01/01/06
Suspended solids (tonnes/year)	S1	Annual	01/01/06
Daily flow (m3/day)	S1	Quarterly	01/01/06
Water usage (m3/year)	Installation	Annual	01/01/06
Energy usage (MWh/year)	Installation	Annual	01/01/06
Waste disposal and/or recovery (tonnes/year)	Installation	Annual	01/01/06

Table S.3 has been updated and now reads as below.

Table S.3 Reporting forms		
Media/parameter	Form number	Date of form
Air	A1	19/10/2017
Water (excluding sewer)	W1	09/11/2005
Sewer	S2	09/11/2005
Energy	E1	09/11/2005
Waste return	R1	09/11/2005
Water usage	WU1	09/11/2005
Performance indicators	PI1	09/11/2005

Schedule 3 – conditions to be added

None