

Notice of variation with introductory note

Environmental Permitting (England & Wales) Regulations 2010

Thor Specialities (UK) Limited

Wincham Organic Specialities
Wincham Avenue
Wincham
Cheshire
CW9 6GB

Variation application number
EPR/BL6403IQ/V006

Permit number
EPR/BL6403IQ

Wincham Organic Specialities

Permit number EPR/BL6403IQ

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 variation permits the addition of a new warehouse and production hall to the east and west of the site, processes undertaken in the new production hall will remain the same and consist of the manufacture of a number of dispersion products including those containing 3-iodo-2-propynyl-butylcarbamate (IPBC). The new warehouse will be used for receipt, handling, storage and despatch of raw materials and finished products in packs

An extension to the east and west installation boundary is made to facilitate the changes being made.

This variation incorporates the changes required by the Industrial Emissions Directive. This includes the amendment of the wording of several permit conditions relating to notifications, and also includes the addition of a condition relating to a requirement for monitoring of groundwater and soil.

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 BL6403IQ (under PPC 2000) (EPR/BL6403IQ/A001)	06/02/03	
Permit BL6403IQ determined	14/11/03	Permit issued
Application HP3437SG (EPR/BL6403IQ/V002)	19/05/05	
Variation HP3437HG determined	25/10/05	Varied permit issued
Application JP3938XS (EPRBL6403IQ/V003)	01/02/08	
Variation (EPR/BL6403/IQ/V003)	11/04/08	Varied permit issued
Application received (under EPR 2010) EPR/BL6403IQ/V004	Duly made 01/11/11	
Variation EPR/BL6403IQ/V004	09/11/11	Varied permit issued
Application received EPR/BL6403IQ/V005	Duly made 08/11/12	
Variation EPR/BL6043IQ/V005	20/12/12	Varied permit issued
Application EPR/BL6403IQ/V006 (variation)	Duly made 21/08/14	Application for new production hall and warehouse facility including an extension to the installation boundary.
Schedule 5 Response	15/09/14	Additional information relating to emissions to sewer.
Variation determined EPR/BL6403IQ	12/11/14	Varied permit issued.

End of introductory note

Notice of variation

Environmental Permitting (England and Wales) Regulations 2010

The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2010 varies

Permit number
EPR/BL6403IQ

issued to:
Thor Specialities (UK) Limited (“the operator”)

whose registered office is

Wincham Avenue
Wincham
Northwich
Cheshire
CW9 6GB

company registration number 1761700

to operate a regulated facility at

Wincham Avenue
Wincham
Northwich
Cheshire
CW9 6GB

to the extent set out in the schedules.

The notice shall take effect from 12/11/2014

Name	Date
A.J. Nixon	12 November 2014

Authorised on behalf of the Environment Agency

Schedule 1 – conditions to be deleted

None

Schedule 2 – conditions to be amended

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

- 1.2.1 The activities authorised under condition 1.1.1 shall not extend beyond the site, being the land shown edged in green on the site plan at schedule 5 to this permit.
- Table 2.1.1 referenced in condition 2.1.1 is amended by the addition of the references to variation EPR/BL6403IQ/V006.

Table 2.1.1: Operating techniques

Description	Parts	Date Received
Application (BL6403IQ)	The response to questions 2.1 and 2.2 given in sections B2.1.1, B2.1.2 and B2.2 of the application	06/02/2003
Response to Schedule 4 Part 1 Notice	The response to questions 6 to 23 inclusive given in sections B2.1, B2.2, appendices 1 to 6 and plans 6 to 10.	21/07/2003
Application for variation HP3437SG (EPR/BL6403IQ/V002)	The response to questions C2.2 and C2.3 given in sections C1.0, C2.1.2, and C2.10 of the variation application	07/10/2005
Application for variation JP3938XS (EPR/BL6403IQ/V003)	The response to questions C2.2 and C2.3 given in sections 2.2 and 2.3 of the variation application	01/02/2008
Application for variation EPR/BL6403IQ/V004	Supporting information (revision 2) to the application for variation.	01/11/2011
Application for variation EPR/BL6403IQ/V005	Supporting information to the application for variation.	01/11/2012
Application for variation EPR/BL6403IQ/V006	The response to questions in section 3, form EPC – Part C3 and section PH3 of the application paperwork.	18/07/2014
Request for further information as part of Duly making process	Operating Techniques – additional information	21/08/2014
Response to Schedule 5 request for further information	Point source emissions to sewer- additional information.	15/09/2014

- Table 2.1.1 referenced in condition 2.2.1.2 is amended to reflect references to location of stack emission points.

Table 2.2.1 : Emission points to air

Emission point reference or description	Source	Location of emission point
A1 Production Hall Stack	General ventilation – air out LEV System, reaction vessels - breathing/ pressure release, liquid ring vacuum pumps	Point Stack 1 on amended site plan dated October 2012 –Annex 4 – application paperwork - variation EPR//BL6403IQ/V005
A2A Steam Boiler Stack	Steam Boiler	Point Stack 2A on amended site plan dated October 2012 –Annex 4 – application paperwork - variation EPR//BL6403IQ/V005
A2B Steam Boiler Stack	Steam Boiler	Point Stack 2B on amended site plan dated October 2012 –Annex 4 – application paperwork - variation EPR//BL6403IQ/V005
A3 Hot Oil Generator Stack	Hot Oil Generator	Point Stack 3 on amended site plan dated October 2012 –Annex 4 – application paperwork - variation EPR//BL6403IQ/V005
A4 Solvent recovery condenser vent	Reflux vessel condenser	Point Stack 4 on amended site plan dated October 2012 –Annex 4 – application paperwork - variation EPR//BL6403IQ/V005
A5 Carbon bed for methanol storage	Methanol storage	Point Stack 5 on amended site plan dated October 2012 –Annex 4 – application paperwork - variation EPR//BL6403IQ/V005
A6 Centrifuge carbon bed	Centrifuge	Point Stack 6 on amended site plan dated October 2012 –Annex 4 – application paperwork - variation EPR//BL6403IQ/V005
A7 Heptane solvent purification carbon bed	Heptane recovery distillation unit	Point Stack 7 on amended site plan dated October 2012 –Annex 4 – application paperwork - variation EPR//BL6403IQ/V005
A8 Carbon bed for propargyl alcohol storage	Propargyl Alcohol Storage	Point Stack 8 on amended site plan dated October 2012 –Annex 4 –

Table 2.2.1 : Emission points to air

Emission point reference or description	Source	Location of emission point
		application paperwork - variation EPR//BL6403IQ/V005
A9 Carbon bed for n-butyliisocyanate storage	n-Butyliisocyanate Storage	Point Stack 9 on amended site plan dated October 2012 –Annex 4 – application paperwork - variation EPR//BL6403IQ/V005
A10 Heptane solvent purification carbon bed	Heptane recovery distillation unit	Point Stack 10 on amended site plan dated October 2012 –Annex 4 – application paperwork - variation EPR//BL6403IQ/V005

The following conditions are amended as a result of IED amendments made by the Environment Agency:

5.1.1

- (a) In the event that the operation of the activities gives rise to an incident or accident which significantly affects or may significantly affect the environment, the operator must immediately—
 - (i) inform the Environment Agency,
 - (ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and
 - (iii) take the measures necessary to prevent further possible incidents or accidents;
- (b) in the event of a breach of any permit condition the operator must immediately—
 - (i) inform the Environment Agency, and
 - (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;
- (c) in the event of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.

5.1.2 Any information provided under condition 5.1.1 shall be confirmed by sending the information listed in schedule 1 to this permit within the time period specified in that schedule.

- Schedule 1 – Notification of abnormal emissions is amended as follows:

This page outlines the information that the Operator must provide to satisfy conditions 5.1.1 and 5.1.2 of this Permit.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the PPC Regulations.

Part A

Permit Number	
Name of operator	
Location of Facility	
Time and date of the detection	

(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution

To be notified within 24 hours of detection	
Date and time of the event	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substances(s) potentially released	
Best estimate of the quantity or rate of release of substances	
Measures taken, or intended to be taken, to stop any emission	
Description of the failure or accident.	

(b) Notification requirements for the breach of a limit

To be notified within 24 hours of detection unless otherwise specified below	
Emission point reference/ source	
Parameter(s)	
Limit	
Measured value and uncertainty	
Date and time of monitoring	
Measures taken, or intended to be taken, to stop the emission	

Time periods for notification following detection of a breach of a limit	
Parameter	Notification period

(c) Notification requirements for the detection of any significant adverse environmental effect	
To be notified within 24 hours of detection	
Description of where the effect on the environment was detected	
Substances(s) detected	
Concentrations of substances detected	
Date of monitoring/sampling	

Part B - to be submitted as soon as practicable

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident	
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	
The dates of any unauthorised emissions from the facility in the preceding 24 months.	

Name*	
Post	
Signature	
Date	

* authorised to sign on behalf of the operator

Schedule 3 – conditions to be added

The following conditions are added as a result of IED amendments made by the Environment Agency:

2.10.11 Periodic monitoring shall be carried out at least once every 5 years for groundwater and 10 years for soil, unless such monitoring is based on a systematic appraisal of the risk of contamination.

- The following definition of IED is added to the interpretation of the permit, in condition 6.1.1

“Industrial Emissions Directive” means DIRECTIVE 2010/75/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 24 November 2010 on industrial emissions

Schedule 4 – amended plan

Amended Site plan attached replacing that in Schedule 5 of the permit

