



Headquarters  
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Johnstown Castle Estate  
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Ireland

TECHNICAL AMENDMENT B  
To  
INTEGRATED POLLUTION PREVENTION &  
CONTROL LICENCE

<b>Licence Register Number:</b>	P0395-02
<b>Licensee:</b>	AHP Manufacturing B.V. t/a Wyeth Nutritionals Ireland
<b>Location of Installation:</b>	Askeaton County Limerick

## *Reasons for the Decision*

The Environmental Protection Agency is satisfied, on the basis of the information available, that subject to compliance with the conditions of licence Reg. No. P0395-02 granted on the 23/01/2004, (and amended on 09/06/2006) as well as any amendments noted herein, any emissions from the activity will comply with and not contravene any of the requirements of Section 83(5) of the Environmental Protection Agency Acts, 1992 and 2003.

## *Technical Amendment*

In pursuance of the powers conferred on it by Section 96(1)(b) and (c) of the Environmental Protection Agency Acts, 1992 and 2003, the Agency amends Licence Reg. No. P0395-02, granted to AHP Manufacturing B.V. t/a Wyeth Nutritionals Ireland, Askeaton, County Limerick.

Henceforth, IPPC Licence Register No. P0395-02 shall be read in conjunction with Amendment A issued on 09/06/2006, and the amendments set out below.

This technical amendment is limited to the following:-

# *Amendments*

## **Amend Condition 5**

- 5.6** Natural gas, biodiesel meeting CEN standard EN14214 or gas oil (sulphur content not exceeding 0.2% by mass until December 31st 2007 and not exceeding 0.1% by mass thereafter) shall be used in the boilers or Combined Heat & Power plant on site. Boiler No. 2 shall only be operated with the prior written agreement of the Agency.

*Amend Condition 5.6 of the existing licence as set out above.*

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# Amend Schedule 1

## Schedule 1(i) Emissions to Atmosphere

**Emission Point Reference No.:** A1-1 and A2-7

**Location:** CHP Boiler Stack and By-Pass Stack

**Volume to be emitted:** Maximum in any one day: 1,474,080 m<sup>3</sup>  
Maximum rate per hour: 61,420 m<sup>3</sup>

**Minimum discharge height:** 40 m above ground

On natural gas

Parameter	Emission Limit Value
Nitrogen oxides (as NO <sub>2</sub> )	300 mg/m <sup>3</sup>

On gas oil or biodiesel

Parameter	Emission Limit Value
Sulphur oxides (as SO <sub>2</sub> ) <sup>Note 1</sup>	58 mg/m <sup>3</sup>
Nitrogen oxides (as NO <sub>2</sub> )	450 mg/m <sup>3</sup>
Carbon monoxide (as CO)	200 mg/m <sup>3</sup>

Note 1: Until December 31st 2007 the emission limit value shall be 175 mg/m<sup>3</sup>. Thereafter the boiler shall be fired on natural gas, biodiesel (meeting CEN standard EN14214) or gas oil (sulphur content not exceeding 0.1% by mass).

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**Emission Point Reference No.:** A1-2, A1-4

**Location:** Boilers 1, 3

**Minimum discharge height:** 40 m above ground

On natural gas

Parameter	Emission Limit Value (mg/m <sup>3</sup> )
Nitrogen oxides (as NO <sub>2</sub> )	200
Carbon monoxide (as CO)	100

On gas oil or biodiesel

Parameter	Emission Limit Value (mg/m <sup>3</sup> )
Oxides of sulphur (as SO <sub>2</sub> ) <sup>Note 1</sup>	170 <sup>Note 1</sup>
Nitrogen oxides (as NO <sub>2</sub> )	300
Carbon monoxide (as CO)	200

Note 1: Until December 31st 2007 the emission limit value shall be 340mg/m<sup>3</sup>. Thereafter the boiler shall be fired on natural gas, biodiesel (meeting CEN standard EN14214) or gas oil (sulphur content not exceeding 0.1% by mass).

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**Emission Point Reference No.:** A1-3  
**Location:** Boiler 2

**Minimum discharge height:** 40 m above ground

Parameter	Emission Limit Value (mg/m <sup>3</sup> )
Oxides of sulphur (as SO <sub>2</sub> )	170 <sup>Note 1</sup>
Nitrogen oxides as (NO <sub>2</sub> )	220
Carbon monoxide (as CO)	115

Note 1: Until December 31st 2007 the emission limit value shall be 340mg/m<sup>3</sup>. Thereafter the boiler shall be fired on natural gas, biodiesel (meeting CEN standard EN14214) or gas oil (sulphur content not exceeding 0.1% by mass).



**Emission Point Reference No's.:** Dryers A2-1, A2-2, A2-3, A2-4 and A2-6 and Agglomerator A2-5  
**Location:** Production area

**Minimum discharge height:** 23 m above ground

Parameter	Emission Limit Value
Total Particulates	50 mg/m <sup>3</sup>



**Schedule 1(iii) Monitoring of Emissions to Atmosphere**

**Emission Point Reference No.:** A1-3, A2-7 A1-2, A1-4, A1-3

Parameter	Monitoring Frequency	Analysis Method/Technique
SO <sub>x</sub> (as SO <sub>2</sub> ) <sup>Note 1</sup>	Biannually	Flue gas analyser
NO <sub>x</sub> (as NO <sub>2</sub> )	Biannually	Flue gas analyser
CO	Biannually	Flue gas analyser

Note 1: When fired on gas oil.



**Emission Point Reference No's.:**

Dryers A2-1, A2-2, A2-3, A2-4 and A2-6 and  
**Agglomerator A2-5**

<b>Parameter</b>	<b>Monitoring Frequency</b>	<b>Analysis Method/Technique</b>
Particulates	Quarterly	Isokinetic/Gravimetric



*Amend Schedule 1(i) Emissions to Atmosphere and Schedule 1(iii) Monitoring of Emissions to Atmosphere of the existing licence as set out above.*

This technical amendment shall be cited as Amendment B to IPPC licence Reg. No. P0395-02.

**Sealed by the Seal of the Agency on this the 14<sup>th</sup> day of June, 2007**

**PRESENT** when the seal of the Agency was affixed hereto

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**Dr Padraic Larkin, Director**