



Headquarters,
Johnstown Castle Estate,
County Wexford, Ireland

GREENHOUSE GAS EMISSIONS PERMIT

Permit Register Number:	IE-GHG037-03
Operator:	College Proteins College Road Nobber County Meath
Installation Name:	Farragh Proteins
Location:	Crossdoney County Cavan

Introductory Note

This introductory note does not form a part of the Greenhouse Gas Emissions Permit.

This Greenhouse Gas Emissions Permit authorises the holder to undertake named activities resulting in emissions of carbon dioxide from the listed emission points. It also contains requirements that must be met in respect of such emissions, including monitoring and reporting requirements. Allowances for emissions to air of greenhouse gases are allocated through the National Allocation Plan. This Greenhouse Gas Emissions Permit places an obligation on the Operator to surrender allowances to the Agency equal to the annual reportable emissions of carbon dioxide equivalent from the installation in each calendar year, no later than four months after the end of each such year. The holders of Greenhouse Gas Emissions Permits may buy and/or sell such allowances subject to the proper notification to the Registry Administrator.

Contact with Agency:

If you contact the Agency about this Greenhouse Gas Emissions Permit please quote the following reference: Greenhouse Gas Emissions Permit N^o IE-GHG037-03.

All correspondence in relation to this permit should be addressed to:

Email: GHGPermit@epa.ie

By Post: Climate Change Unit, Environmental Protection Agency
Regional Inspectorate, McCumiskey House,
Richview, Clonskeagh Road, Dublin 14

Updating of the permit:

This Greenhouse Gas Emissions Permit may be updated by the Agency, subject to compliance with Condition 2. The current Greenhouse Gas Emissions Permit will normally be available on the Agency's website at www.epa.ie.

Surrender of the permit:

Before this Greenhouse Gas Emissions Permit can be wholly or partially surrendered, a written application must be made to, and written permission received from, the Agency.

Transfer of the permit or part of the permit:

Before this Greenhouse Gas Emissions Permit can be wholly or partially transferred to another Operator a joint written application to transfer this Greenhouse Gas Emissions Permit must be made (by both the existing and proposed Operators) to, and written permission received from, the Agency.

Licence held pursuant to Directive 1996/61/EC (as of the date of this permit):

IPC/IPPC Licence Register Number	P0025-04
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End of Explanatory Note

Glossary of Terms

For the purposes of this permit the terms listed in the left hand column shall have the meaning given in the right hand column below:

Activity Code	Code number assigned to the categories of activity in Schedule 1 to the Regulations.
The Agency	Environmental Protection Agency.
Agreement	Agreement in writing.
Allowance	Permission to emit to the atmosphere one tonne of carbon dioxide equivalent during a specified period issued for the purposes of Directive 2003/87/EC by the Agency or by a designated national competent authority of a Member State of the European Union.
Annual Reportable Emissions	Reportable Emissions made in any calendar year commencing from 1 January 2005 or the year of commencement of the activity, whichever is the later.
Category B Installation	As defined in Annex I Table 1 Section 5.2 of the M&R Guidelines.
Category C Installation	As defined in Annex I Table 1 Section 5.2 of the M&R Guidelines.
The Directive	Directive 2003/87/EC of the European Parliament and of the Council of 13 October 2003 establishing a scheme for greenhouse gas emission allowance trading within the Community and amending Council Directive 96/61/EC and amendments.
Emissions	The release of greenhouse gases into the atmosphere from sources in an installation.
EPA	Environmental Protection Agency.
Fall-Back Approach	As defined in Annex I Section 5.3 of the M&R Guidelines.
GHG	Greenhouse gas.
GHG Permit	Greenhouse gas emissions permit.
Greenhouse Gas	Any of the gases in Schedule 2 of the Regulations.
IPC/IPPC	Integrated Pollution Control/Integrated Pollution Prevention and Control.
Installation	Any stationary technical unit where one or more activities listed in Schedule 1 to the Regulations are carried out. Also any other directly associated activities which have a technical connection with the activities carried out on that site and which could have an effect on emissions and pollution. References to an installation include references to part of an installation.
Major Source Streams	As defined in Annex I Section 2 of the M&R Guidelines.

M&R Guidelines	(i) in relation to Reportable Emissions made prior to 1 January 2008, Commission Decision 2004/156/EC of 29 January 2004 establishing guidelines for the monitoring and reporting of greenhouse gas emissions pursuant to the Directive; or (ii) in relation to Reportable Emissions made on or after 1 January 2008, Commission Decision 2007/589/EC of 18 July 2007 establishing guidelines for the monitoring and reporting of greenhouse gas emissions pursuant to the Directive as amended from time to time.
Mis-statement	An omission, misrepresentation or error in the report required to be submitted under Condition 3.5 of this permit.
Monitoring and Reporting Plan	The Plan submitted and approved in accordance with Condition 3.1 of this permit.
Non-conformity	Any act or omission by the Operator, either intentional or unintentional, that is contrary to the requirements of the Monitoring and Reporting Plan.
The Operator (for the purposes of this permit)	College Proteins
“operator”	Any person who operates or controls an installation or to whom decisive economic power over the functioning of the installation has been delegated.
Person	Any natural or legal person.
Reportable emissions	The total releases to the atmosphere of carbon dioxide (expressed in tonnes of carbon dioxide equivalent) from the emission points specified in Tables 2 and 3 and arising from the Schedule 1 activities which are specified in Table 1.
The Regulations	European Communities (Greenhouse Gas Emissions Trading) Regulations 2004 to 2005, (S.I. No. 437 of 2004 and S.I. No. 706 of 2005) and any amendments or revisions thereto.
The Verifier	A competent, independent, accredited verification body with responsibility for performing and reporting on the verification process, in accordance with detailed requirements established by the Agency pursuant to Schedule 5 to the Regulations and contracted by the Operator for this purpose.
The Registry	The Irish National Registry established pursuant to Article 19 of S.I. No. 437 of 2004.
The Registry Administrator	The person so designated by the Agency in accordance with the requirements of Commission Regulation (EC) No. 2216/2004 of 21 December 2004 for a standardised and secured system of registries pursuant to Directive 2003/87/EC of the European Parliament and of the Council and Decision No. 280/2004/EC of the European Parliament and of the Council.
Schedule 1	Schedule 1 to the Regulations.

Reasons for the Decision

The Agency is satisfied, on the basis of the information available, that subject to compliance with the conditions of this permit, the Operator is capable of monitoring and reporting emissions in accordance with the requirements of the Regulations.

Activities Permitted

Pursuant to Articles 4 and 6 of the Regulations the Agency issues this Greenhouse Gas Emissions Permit, subject to any subsequent revisions, corrections or modifications it deems appropriate, to:

The Operator:

College Proteins
College Road
Nobber
County Meath

The Former Operator:

Meath Proteins
College Road
Nobber
County Meath

to carry out the following

Categories of activity:

Combustion installations with a rated thermal input exceeding 20 MW (except hazardous or municipal waste installations)

at the following installation:

Farragh Proteins- Installation number: IE-30

located at

Crossdoney
County Cavan

subject to the five conditions contained herein, with the reasons therefor and associated tables attached thereto.

In accordance with Joint Declaration made to the Agency on 27 August 2009, *College Proteins* is deemed to have assumed and accepted all liabilities, requirements and obligations provided for in or arising under the permit, regardless of how and in respect of what period, including the period 2005-2008, prior to the transfer of the permit, that may arise.

Conditions

Condition 1. The Permitted Installation

- 1.1 This permit is being granted in substitution for the GHG permit granted to the then Operator on 22 September 2005 and bearing Permit Register No.: IE-GHG037-02. The previous GHG permit (Permit Reg. No. IE-GHG037-02) is superseded by this permit.
- 1.2 The Operator is authorised to undertake the activities and/or the directly associated activities specified in Table 1 below resulting in the emission of carbon dioxide:

Table 1 - Activities which are listed in Schedule 1 of the Regulations and other directly associated activities carried out on the site:

Installation No.	Activity Code	Activity Description
IE-30	E1.1	Combustion installations with a rated thermal input exceeding 20 MW (except hazardous or municipal waste installations)

Directly Associated Activity Description
Not applicable

- 1.3 Subject to Condition 1.4 of this permit, carbon dioxide from Schedule 1 activities shall be emitted to atmosphere only from the emission points as listed in Table 2 below:

Table 2 – Existing Emission Points and Capacities:

Emission Point Reference	Emission Point Description	Thermal Input Capacity	Capacity Units
CS1	Boiler Stack	11.2	MW
CS2	Boiler Stack	10.4	MW
CS3	TEAP Stack	12.2	MW

- 1.4 Carbon dioxide from Schedule 1 activities may also be emitted to atmosphere from the minor emission points listed in Table 3 below. Amendments to the number and capacity of minor emission points in Table 3 shall be notified in writing to the Agency and once approved by the Agency become part of the emissions allowed under this permit.

Table 3 – Minor Emission Points

Emission Point Reference ^{Note 1}	Emission Point Description	Thermal Input Capacity	Capacity Units
To be agreed with Agency			

Note 1: An emission point in this table does not necessarily have the same meaning as "minor source stream" as defined in the M&R Guidelines. In all cases the monitoring and reporting tiers shall be approved in writing with the Agency in accordance with Condition 3.

- 1.5 The activity shall be controlled, operated and maintained so that emissions of carbon dioxide shall take place only as set out in this GHG Emissions Permit. The permit does not control emissions of gases other than carbon dioxide. All agreed plans, programmes and methodologies required to be carried out under the terms of this permit, become part of this permit.
- 1.6 This GHG Permit is for the purposes of GHG emissions permitting under the European Communities (Greenhouse Gas Emissions Trading) Regulations (S.I. No. 437 of 2004) and any amendments to the same only and nothing in this permit shall be construed as negating the Operator's statutory obligations or requirements under any other enactments or regulations unless specifically amended by the Regulations.
- 1.7 Any reference in this permit to 'installation' shall mean the installation as described in the Greenhouse Gas Emissions Permit application and any amendments approved by the Agency.

Reason: To describe the installation and clarify the scope of this permit.

Condition 2. Notification

- 2.1 No alteration to, or reconstruction in respect of, the activity or any part thereof which would, or is likely to, result in a change in:
- 2.1.1 the nature or functioning of the installation;
 - 2.1.2 the capacity of the installation as detailed in this permit;
 - 2.1.3 the fuels used at the installation;
 - 2.1.4 the range of activities to be carried out at the installation
- that may require updating of the GHG permit shall be carried out or commenced without prior notice to and without the prior written agreement of the Agency.
- 2.2 The Operator shall notify the Agency in writing of the cessation of all or part of any activity listed in Table 1 of this permit no later than one month from the date of cessation.
- 2.3 For installations or parts of installations which have not come into operation when the application for this permit was made the Operator shall notify the Agency of the date of commencement of the activity within seven days of commencement.
- 2.4 The Operator shall notify the Agency in writing within three days of becoming aware of any factors which may prevent compliance with the conditions of this permit.
- 2.5 All notifications required under Conditions 2.1 to 2.4 above shall be made to the address given in the Explanatory Note included with this permit.

Reason: To provide for the notification of updated information on the activity.

Condition 3. Monitoring and Reporting

- 3.1 The Operator shall monitor and record greenhouse gas emissions on site in accordance with the M&R Guidelines and the approved Monitoring and Reporting Plan and in compliance with any other guidance approved by the Agency for the purposes of implementing the Directive and/or the Regulations. The monitoring and reporting plan submitted and approved by the Agency under the previous permit for this installation shall be used unless amended and approved by the Agency in accordance with Condition 3.2 below.
- 3.2 The Operator shall without undue delay propose changes to the monitoring methodology when:
- 3.2.1 data availability has changed, allowing for higher accuracy in the determination of emissions;
 - 3.2.2 a previously non-existent emission is to be commenced;
 - 3.2.3 the range of fuels detailed in the approved monitoring and reporting plan has changed;
 - 3.2.4 errors are detected in data resulting from the monitoring methodology;
 - 3.2.5 the Agency has requested a change;
 - 3.2.6 a change of the categorisation of the installation as laid down in Table 1 of the M&R Guidelines arises;
 - 3.2.7 an increase of the uncertainty of the activity data or other parameters (where applicable) occurs which implies a different tier level.

Where approved these changes shall be implemented within a timeframe agreed by the Agency.

- 3.3 Temporary non-compliances with the approved monitoring and reporting plan:
- 3.3.1 In the event of the breakdown or malfunction of the equipment used to monitor or record the emissions of greenhouse gases or any other failure to comply with the monitoring and reporting methodology as approved under Condition 3.1, the Operator shall put into place an interim monitoring and reporting methodology (to the highest tier achievable) and inform the Agency in writing if a return to normal operations is not achieved within 24 hours. This notification shall be made within three days of commencement of the breakdown or malfunction or failure to comply with the monitoring and reporting methodology and shall include details of the interim monitoring and reporting methodology, proof of the necessity for a change to the approved monitoring and reporting methodology and shall explain the measures which have been or which will be taken to enable a prompt restoration of compliance. Any use of alternative equipment, other than in emergency situations, shall be agreed in writing with the Agency prior to use.

- 3.3.2 A record of all non-compliances with the approved monitoring and reporting plan, including non-compliances lasting less than 24 hours, shall be maintained on-site and shall be available on-site for inspection by authorised persons of the Agency and/or by the Verifier at all reasonable times.
- 3.4 The Operator shall appoint a Verifier to ensure that, before their submission, the reports required by Condition 3.5 below are verified in accordance with the criteria set out in Schedule 5 of the Regulations and any more detailed requirements of the Agency.
- 3.5 The written report of the verified annual reportable emissions and the verification report in respect of each calendar year shall be submitted to the Agency by the Operator no later than 31 March of the following year. The reports shall be in the format required by the Agency. The Operator shall submit a signed copy of the Verifier's non-material misstatements, non-material non-conformities that are outstanding on-site and recommendations for improvement in the monitoring and reporting plan and the Verifier's final conclusions at the same time as submitting the verified report.
- 3.6 The Operator shall enter the verified annual reportable emissions figure for the preceding year into the Registry no later than 31 March of the following year commencing in March 2010. This figure shall be electronically approved by the Verifier in the registry no later than 31 March of each year commencing in March 2010.
- 3.7 Any discrepancies with regard to reports submitted by the Former Operator in respect of this installation become the liability of the Operator.
- 3.8 Where an Operator is applying the Fall-Back Approach to monitoring, the Operator shall submit to the Agency a verified update of the overall uncertainty analysis in accordance with Section 5.3 of the M&R Guidelines by 31 March each year.
- 3.9 If:
- (a) the installation is a Category B installation or a Category C installation; and
 - (b) Condition 3.1 of this permit does not require the Operator to use the highest tier approach given in the M&R Guidelines to determine all variables (except oxidation factors) for all Major Source streams
- the Operator shall submit to the Agency by 30 June each year, a report justifying the use of each lower tier methodology applied. The report shall also include:
- (i) proposals for improvements aimed at achieving use of the highest tier methodology as soon as reasonably practicable; or
 - (ii) justification to explain why it is either not technically feasible or would lead to unreasonably high costs if it is not proposed to make improvements to achieve the highest tier methodology.
- 3.10 The Operator shall submit a report to the Agency, by 30 June each year, setting out their proposed improvements in monitoring at the Installation to address all the recommendations, non-conformities and mis-statements identified by a Verifier in relation to monitoring in the previous year. The Operator's proposals shall set out full details, including timescales, for implementing the improvements. If no improvement is proposed in response to a

- recommendation identified by the Verifier, the Operator shall justify why no action is to be taken.
- 3.11 The Operator shall implement the improvements specified by the Agency in response to the report submitted in accordance with Condition 3.9 in accordance with a timeframe set by the Agency.
- 3.12 The Operator shall make available to the Verifier and to the Agency any information and data relating to emissions of carbon dioxide which are required in order to verify the reports referred to in Condition 3.5 above or as required by the Agency to facilitate it in establishing benchmarks and/or best practice guidance.
- 3.13 Provision shall also be made for the transfer of environmental information, in relation to this permit, to the Agency's computer system, as may be requested by the Agency.
- 3.14 The Operator shall retain all information as specified in the M&R Guidelines for a period of at least 10 years after the submission of the relevant annual report. This shall include all annual emissions reports submitted by the Former Operator in respect of the installation covering the period 2005-2008.
- 3.15 A record of independent confirmation of thermal input capacities listed in this permit or agreed with the Agency in writing as minor emissions shall be available on-site for inspection by authorised persons of the Agency at all reasonable times.
- 3.16 The Operator shall maintain a programme to ensure that members of the public can view a copy of this permit and any reports submitted to the Agency in accordance with this permit at all reasonable times. This requirement shall be integrated with the requirements of any public information programme approved by the Agency in relation to any other permit or licence held by the Operator for the site.

Reason: To provide for monitoring and reporting in accordance with the Regulations.

Condition 4. Allowances

- 4.1 Surrender of Allowances
- 4.1.1 The Operator shall, by 30 April in each year, commencing on 30 April 2010, surrender to the Agency, or other appropriate body specified by the Agency, allowances equal to the annual reportable emissions in the preceding calendar year.
- 4.1.2 From April 2007 and each year thereafter the number of allowances to be surrendered shall be the annual reportable emissions for the preceding calendar year plus such allowances as may be necessary to cover any earlier calendar year in respect of which allowances remain outstanding and due. This includes allowances to cover the amount of any annual reportable emissions in respect of which allowances were not surrendered in accordance with Condition 4.1.1 in the previous year, and the amount of any reportable emissions which were discovered during the previous year to have been unreported in reports submitted under Condition 3 in that or in earlier years.

- 4.1.3 In relation to activities or parts of activities which have ceased to take place and have been notified to the Agency in accordance with Condition 2.2 above, the Operator shall surrender to the Agency allowances equal to the annual reportable emissions from such activities in the preceding calendar year or part thereof, together with such allowances as may be necessary to cover any earlier calendar year in respect of which allowances remain outstanding and due as described in Condition 4.1.2 above.
- 4.1.4 The Operator may, from 2008 onwards, subject to the provisions of the Regulations and the relevant National Allocation Plan for that compliance year, surrender emission reduction units (ERUs) and certified emission reduction units (CERs) in place of allowances.
- 4.2 The holding, transfer, surrender and cancellation of allowances shall be in accordance with the requirements of Commission Regulation (EC) No. 2216/2004 of 21 December 2004 for a standardised and secured system of registries pursuant to Directive 2003/87/EC of the European Parliament and of the Council and Decision No. 280/2004/EC of the European Parliament and of the Council, any amendment or revision to the same and any guidance issued by the Agency or the Registry Administrator.
- 4.3 The Operator shall provide the Registry Administrator with all the necessary information for the opening of an Operator holding account for the installation described in Condition 1 of this permit within fourteen days of the issue of this permit, unless such an account is already open.

Reason: To provide for the surrendering, holding, transfer and cancellation of allowances in respect of reported emissions.

Condition 5. Penalties

- 5.1 Any Operator who fails to comply with Condition 4.1 above shall be subject to the provisions of Article 16 of the Regulations, including, but not limited to the payment of penalties, laid down in Article 16 (3) for the relevant trading period.

Reason: To provide for the payment of excess emissions penalties as required under the Regulations.

Sealed by the seal of the Agency on this the 23rd day of November 2009:

PRESENT when the seal of the Agency was affixed hereto:

Dr. Maria Martin
Senior Manager/Authorised Person