

Variation Notice with introductory note

Pollution Prevention and Control (England & Wales) Regulations 2000

Nantycaws Generation Plant

Novera Energy Generation No. 2
Limited

Nantycaws Landfill Site
Llanddarog Road
Nantycaws
Camarthenshire
SA32 8BG

Variation Notice Number
JP3235MR

Permit number
LP3038SU

Nantycaws Generation Plant
Permit Number JP3235MR

Introductory note

This introductory note does not form a part of the permit

The following notice is issued under regulation 17 of The Pollution Prevention and Control (England and Wales) Regulations 2000 (S.I.2000 No. 1973 (as amended) (the Regulations) to vary the conditions of a permit issued under the Regulations to operate an installation. The notice comprises schedule 1 containing conditions to be deleted, schedule 2 conditions to be amended and schedule 3 conditions to be added.

Detail	Date	Response Date
Application LP3038SU	Received 03/12/04	
Response to request for information	Request dated 17/01/05	11/02/05 and 17/02/05
Response to request for information	Request date 09/02/05	23/02/05
Permit determined	28/04/05	
Variation application JP3235MR	Received 05/10/06	
Variation Permit determined	01/12/06	

Other PPC Permits relating to this installation		
Permit holder	Permit Number	Date of Issue
CWM Environmental	CP3735PB	02/08/05

Superseded Licences/Authorisations/Consents relating to this installation		
Holder	Reference Number	Date of Issue
CWM Environmental	SWW160L EAWML/34144	28/02/97

Other existing Licences/Authorisations/Registrations relating to this site		
Holder	Reference Number	Date of issue
Not applicable		

End of Introductory Note

Variation Notice

Pollution Prevention and Control
(England and Wales) Regulations 2000

Variation Notice

Permit number

LP3038SU

Variation number

JP3235MR

The Environment Agency (the Agency) in exercise of its powers under Regulation 17 of the Pollution Prevention and Control (England and Wales) Regulations 2000 (SI 2000 No 1973) hereby varies the permit held by you

Novera Energy Generation No. 2 Limited ("the operator"),

whose registered office is

2nd Floor, Malt Building

Wilderspool Park

Greenalls Avenue

Warrington

Cheshire

WA4 6HL

company registration number 2366593

to operate an installation at

Nantycaws Landfill Site

Llanddarog Road

Nantycaws

Carmarthenshire

SA32 8BG

to the extent set out in schedules 1 to 3 of this variation notice .

The notice shall take effect from 11/12/2006

Signed

Date

	01/12/2006
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Audrey Evans

Authorised to sign on behalf of the Agency

SCHEDULE 1 – CONDITIONS TO BE DELETED

None

SCHEDULE 2 – CONDITIONS TO BE AMENDED

1.1 Permitted Activities

1.1.1 The Operator is authorised to carry out the activities and the associated activities specified in Table 1.1.1.

Table 1.1.1

Activity listed in Schedule 1 of the PPC Regulations / Associated Activity	Description of specified activity	Limits of specified activity
Section 1.1A1 (b)(iii) : Burning any fuel manufactured from, or comprising , any other waste in an appliance with a rated thermal input of greater than 3 megawatts (MW)	Generating electricity from landfill gas utilising spark ignition engines	Receipt of pre-treated landfill gas to emission of combustion products, does not include gas collection and delivery from landfill site or treatment of collected condensate.

2.1.1 The Permitted Installation shall, subject to the conditions of this Permit, be operated using the techniques and in the manner described in the documentation specified in Table 2.1.1, or as otherwise agreed in writing by the Agency in accordance with conditions 1.5.1 and 1.5.2 of this Permit.

Table 2.1.1: Operating techniques

Description	Parts	Date Received
Application	The response to questions 2.1 and 2.2 given in pages 9-18, section 2.1-2.2, of the application	01/12/04
Variation Application	The responses to the questions in section C2 of the variation application.	05/10/06

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

Table 2.2.1 : Emission points to air

Emission point reference or description	Source	Location of emission point
A1 No 1 engine 6.8 metre stack	Landfill gas combustion products	Jenbacher Genset exhaust stack Engine No1 as shown on figure 2.4 'Emission Points'
A2 No 2 engine 6.8 metre stack	Landfill gas combustion products	Jenbacher Genset exhaust stack Engine No2 as shown on figure 2.4 'Emission Points'

2.2.1.3 The limits for emissions to air for the parameters and emission point set out in Table 2.2.2 shall not be exceeded.

Table 2.2.2 : Emission limits to air and monitoring

Emission point reference	Parameter	Limit (including Reference Period) ¹	Monitoring frequency	Monitoring method
A1 and A2	Oxides of Nitrogen (NO _x)	650 mg/m ³	Annual	ISO 10849: 1996
A1 and A2	Carbon Monoxide (CO)	1500 mg/m ³	Annual	ISO 12039: 2001
A1 and A2	Total Volatile Organic Compounds (VOCs)	1750 mg/m ³	Annual	BS EN 12619: 1999 or BS EN 13526: 2002
A1 and A2	Total Non-Methane Volatile organic Compounds (NMVOCs)	150 mg/m ³	Annual	BS EN 13526 :2002

Note 1: See Section 6 for reference conditions

2.2.8.1 The Operator shall comply with the requirements specified in Table 2.2.11, which supplement or replace emission limit values in accordance with Regulation 12(8) of the PPC Regulations.

Table 2.2.11 Equivalent parameters and technical measures

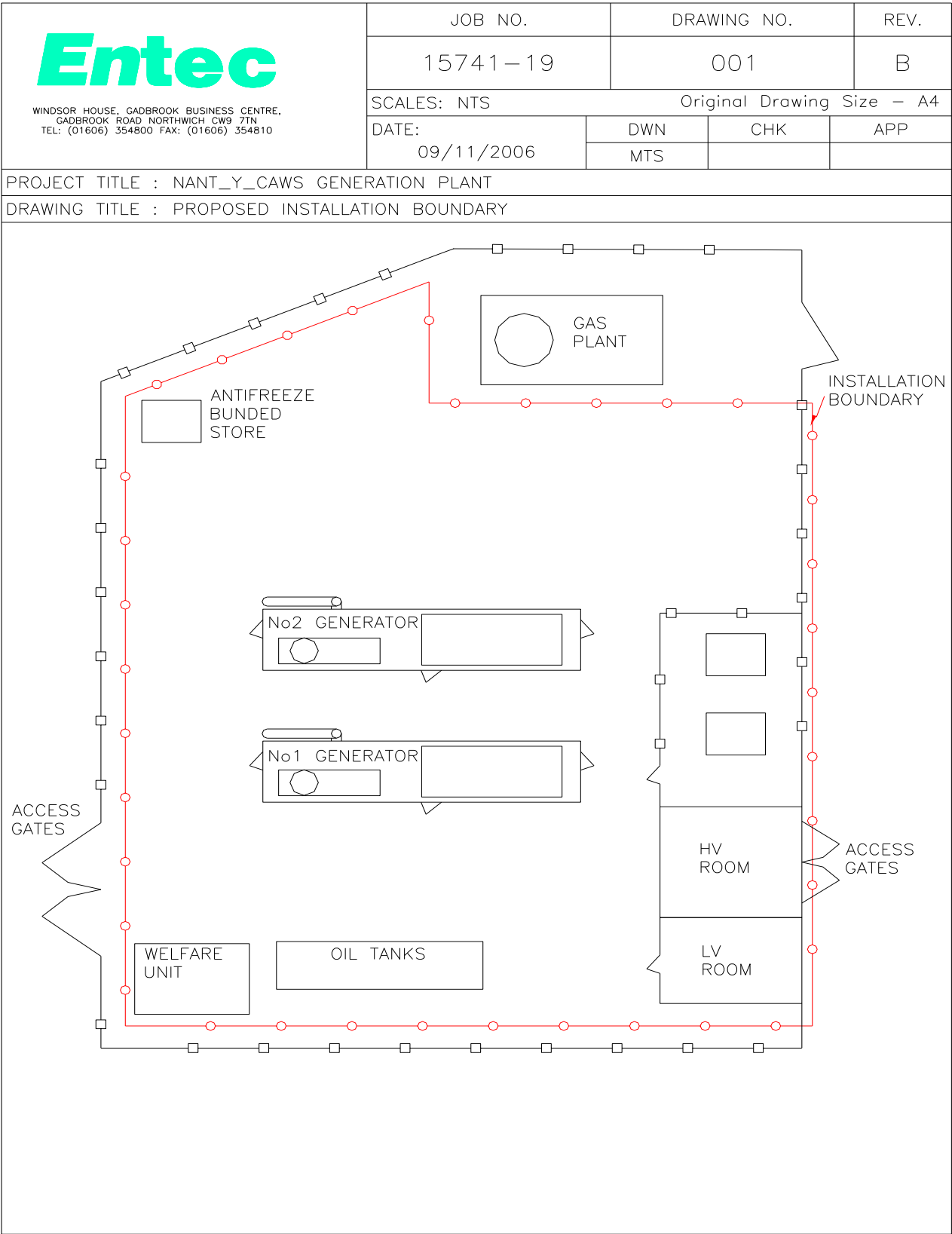
Parameter or measure	Requirement or description of measure, and frequency if relevant
Landfill gas quality	Full analysis of the constituents of the Landfill gas fuel having regard to Agency Guidance LFTGN 04 September 2004. Sample to be taken after treatment (condensate removal) as close as possible to the inlet points to the engines. Analysis results should be submitted to the Agency on an annual basis as set out in Schedule 2, and conditions 4.1.2 and 4.1.3. of permit LP3038SU as amended by variation JP3235MR.

Schedule 2 - Reporting of monitoring data

Parameters for which reports shall be made, in accordance with conditions 4.1.2 and 4.1.3 of this Permit, are listed below.

Parameter	Emission point	Reporting period	Period begins
Oxides of nitrogen (As NO ₂) mg m ⁻³	A1, A2	Annually	01/01/07
Carbon Monoxide (CO) mg/m ⁻³	A1, A2	Annually	01/01/07
Volatile organic Compounds (VOCs) mg m ⁻³	A1, A2	Annually	01/01/07
Total Non-methane volatile organic compounds (NMVOCs)	A1, A2	Annually	01/01/07
Landfill gas quality	-	Annually	01/01/07

Schedule 5 site plan



SCHEDULE 3 – CONDITIONS TO BE ADDED

None

End of Variation Notice.