

Variation notice with introductory note

Environmental Permitting (England & Wales) Regulations 2007

Peterborough Compressor Station

National Grid Gas PLC
1650 Lincoln Road
Peterborough
Cambridgeshire
PE6 7HH

Variation notice number
EPR/UP3038LG/V002

Permit number
EPR/UP3038LG

Peterborough Compressor Station

Permit Number EPR/UP3038LG

Introductory note

This introductory note does not form a part of the permit

The following notice, which is issued pursuant to regulation 20 and Part 1 of Schedule 5 of the Environmental Permitting (England and Wales) Regulations S.I.2007 No. 3538 (the Regulations), gives notice of the variation of an environmental permit to operate a regulated facility

This is an administrative variation to amend Table S4.1 of Schedule 4.

Schedule 1 of this notice lists any deleted conditions, Schedule 2 lists any amended conditions, Schedule 3 lists any conditions that have been added.

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

Status Log of the permit		
Detail	Date	Response Date
Application UP3038LG	Duly made 29/03/06	
Additional information		10/08/06
Additional information		25/09/06
Additional information		09/11/06
Additional information		21/11/06
Permit determined	22/12/06	
Variation EPR/UP3038LG/V002 (PAS ref AP3130TU) issued	29/03/10	

End of Introductory Note

Notice of variation

**Environmental Permitting
(England and Wales) Regulations 2007**

Permit number

EPR/UP3038LG

The Environment Agency in exercise of its powers under Regulation 20 of the Environmental Permitting (England and Wales) Regulations 2007 (SI 2000 No 3538) varies the permit as set out below.

National Grid Gas PLC ("the operator"),

whose registered office is

1-3 Strand

London

WC2H 5EH

company registration number **2006000**

holds a permit to operate a regulated facility at

Peterborough Compressor Station

1650 Lincoln Road


Peterborough

Cambridgeshire

PE6 7HH

and that permit is varied to the extent set out in Schedules 1 to 3 of this notice.

The notice shall take effect from 29th March 2010

Name	Date
	29 th March 2010

David More

Authorised on behalf of the Agency

SCHEDULE 1 – CONDITIONS TO BE DELETED

None

SCHEDULE 2 – CONDITIONS TO BE AMENDED

Table S4.1 is amended as follows:

Table S4.1 Point source emissions to air – emission limits and monitoring requirements (excluding start up, shut down and unit operation at loads <55% of MCR)

Emission point ref. & location	Parameter	Source	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
A1 (Application Part III Figure 1.3c, detailed in Table B2.2.1.2 of the application)	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	Combustion unit Cab A – Avon 1533/76G fired on natural gas via stack through silencer	170 mg/m ³	Daily average	Continuous	Predictive Emissions Monitoring as described in the application or otherwise agreed in writing by the Environment Agency.
			170 mg/m ³	95% of validated hourly averages within a calendar year	Continuous	
A2 (Application Part III Figure 1.3c, detailed in Table B2.2.1.2 of the application)	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	Combustion unit Cab B – Avon 1533/76G fired on natural gas via stack through silencer	170 mg/m ³	Daily average	Continuous	Predictive Emissions Monitoring as described in the application or otherwise agreed in writing by the Environment Agency.
			170 mg/m ³	95% of validated hourly averages within a calendar year	Continuous	
A3 (Application Part III Figure 1.3c, detailed in Table B2.2.1.2 of the application)	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	Combustion unit Cab C - Avon 1533/76G fired on natural gas via stack through silencer	170 mg/m ³	Daily average	Continuous	Predictive Emissions Monitoring as described in the application or otherwise agreed in writing by the Environment Agency.
			170 mg/m ³	95% of validated hourly averages within a calendar year	Continuous	
A1 (Application Part III Figure 1.3c, detailed in Table B2.2.1.2 of the application)	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	Combustion unit Cab A - Avon 1533/76G fired on natural gas via stack through silencer	–	Time averages of at least 10 minutes at each selected load point on each turbine unit.	When operational hours in any year are less than or equal to 2,200 hours; discontinuous, every 2 years.	BS EN 14792
A2 (Application Part III Figure 1.3c, detailed in Table B2.2.1.2 of the application)	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	Combustion unit Cab B - Avon 1533/76G fired on natural gas via stack through silencer	–	Minimum of five distinct operating rates over the total range of normally occurring turbine operating rates.	When operational hours in any year are greater than 2,200 hours; discontinuous, every year or every 4,380 operational hours, whichever is sooner.	Following any changes to process equipment, configurations or operating practices that may affect the accuracy of the data generated by the Predictive Monitoring System; discontinuous.
A3 (Application Part III Figure 1.3c, detailed in Table B2.2.1.2 of the application)	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	Combustion unit Cab C - Avon 1533/76G fired on natural gas via stack through silencer	–			
A1 (Application Part III Figure 1.3c, detailed in Table B2.2.1.2 of the application)	Carbon Monoxide	Combustion unit Cab A - Avon 1533/76G fired on	600 mg/m ³	Daily average	Continuous	Predictive Emissions Monitoring as

Table S4.1 Point source emissions to air – emission limits and monitoring requirements (excluding start up, shut down and unit operation at loads <55% of MCR)

Emission point ref. & location	Parameter	Source	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
Table B2.2.1.2 of the application)	(CO)	natural gas via stack through silencer	600 mg/m ³	95% of validated hourly averages within a calendar year	Continuous	described in the application or otherwise agreed in writing by the Environment Agency.
A2 (Application Part III Figure 1.3c, detailed in Table B2.2.1.2 of the application)	Carbon Monoxide (CO)	Combustion unit Cab B - Avon 1533/76G fired on natural gas via stack through silencer	900 mg/m ³	Daily average	Continuous	Predictive Emissions Monitoring as described in the application or otherwise agreed in writing by the Environment Agency.
			900 mg/m ³	95% of validated hourly averages within a calendar year	Continuous	
A3 (Application Part III Figure 1.3c, detailed in Table B2.2.1.2 of the application)	Carbon Monoxide (CO)	Combustion unit Cab C - Avon 1533/76G fired on natural gas via stack through silencer	600 mg/m ³	Daily average	Continuous	Predictive Emissions Monitoring as described in the application or otherwise agreed in writing by the Environment Agency.
			600 mg/m ³	95% of validated hourly averages within a calendar year	Continuous	
A1 (Application Part III Figure 1.3c, detailed in Table B2.2.1.2 of the application)	Carbon Monoxide (CO)	Combustion unit Cab A - Avon 1533/76G via stack through silencer	–	Time averages of at least 10 minutes at each selected load point on each turbine unit. Minimum of five distinct operating rates over the total range of normally occurring turbine operating rates.	When operational hours in any year are less than or equal to 2,200 hours; discontinuous, every 2 years. When operational hours in any year are greater than 2,200 hours; discontinuous, every year or every 4,380 operational hours, whichever is sooner. Following any changes to process equipment, configurations or operating practices that may affect the accuracy of the data generated by the Predictive Monitoring System; discontinuous.	BS EN 15058 or as agreed in writing with the Agency
A2 (Application Part III Figure 1.3c, detailed in Table B2.2.1.2 of the application)	Carbon Monoxide (CO)	Combustion unit Cab B - Avon 1533/76G fired on natural gas via stack through silencer	–			
A3 (Application Part III Figure 1.3c, detailed in Table B2.2.1.2 of the application)	Carbon Monoxide (CO)	Combustion unit Cab C - Avon 1533/76G fired on natural gas via stack through silencer	–			
A4-6, A10 – 24 (detailed in Table B2.2.1.2 of the application)	No parameters set	Vents from Cab units A, B & C	No limit set	–	–	Permanent sampling access not required.

Table S4.1 Point source emissions to air – emission limits and monitoring requirements (excluding start up, shut down and unit operation at loads <55% of MCR)

Emission point ref. & location	Parameter	Source	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
A7 – A9 (detailed in Table B2.2.1.1 of the application)	No parameters set	Station vents	No limit set	–	–	Permanent sampling access not required.
A25 (detailed in Table B2.2.1.2 of the application)	No parameters set	Standby gas generator exhaust stack	No limit set	–	–	Permanent sampling access not required.
A26 & A 27 (detailed in Table B2.2.1.2 of the application)	No parameters set	Condensate storage tank vents	No limit set	–	–	Permanent sampling access not required.
N/A	No parameters set	Local vents associated with fuel gas	No limit set	–	–	Permanent sampling access not required.

SCHEDULE 3 – CONDITIONS TO BE ADDED

None