Variation notice with introductory note

Environmental Permitting (England & Wales) Regulations 2007

Huntingdon Compressor Station

National Grid Gas PLC
Bigrams Lane
Stonely
St Neots
Cambridgeshire
PE19 5NX

Variation notice number
EPR/DP3139LA/V002

Permit number

EPR/DP3139LA

Huntingdon Compressor Station
Permit Number EPR/DP3139LA

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 DP3139LA	Duly made 29/03/2006	
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/DP3139LA/V002 (PAS ref AP3930TY) issued	29/03/10	

End of Introductory Note

Notice of variation

Environmental Permitting
(England and Wales) Regulations 2007

Permit number
EPR/DP3139LA

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

Huntingdon Compressor Station
Bigrams Lane
Stonely
St Neots
Cambridgeshire
PE19 5NX

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
	29th 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 3 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 fired on natural gas via stack through silencer etc	160 mg/m^3	Daily average	Continuous	Predictive Emissions Monitoring as described in the application or otherwise agreed in writing by the Environment Agency
			160 mg/m^3	95% of validated hourly averages within a calendar year	Continuous	
A2 (Application part 3 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 fired on natural gas via stack through silencer etc	160 mg/m^3	Daily average	Continuous	Predictive Emissions Monitoring as described in the application or otherwise agreed in writing by the Environment Agency
			160 mg/m^3	95% of validated hourly averages within a calendar year	Continuous	
A3 (Application part 3 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 fired on natural gas via stack through silencer etc	160 mg/m^3	Daily average	Continuous	Predictive Emissions Monitoring as described in the application or otherwise agreed in writing by the Environment Agency
			160 mg/m^3	95% of validated hourly averages within a calendar year	Continuous	
A1 (A Application part 3 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 fired on natural gas via stack through silencer etc	-	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
A 2 (Application part 3 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 fired on natural gas via stack through silencer etc		Minimum of five distinct operating rates over the total range of normally occurring turbine	When operational hours in any year are greater than 2,200 hours; discontinuous, every year or every 4,380 operational hours, whichever is sooner.	

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
A3 (Application part 3 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 fired on natural gas via stack through silencer etc		operating rates.	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.	
A1 (Application part 3 Figure 1.3c,detailed in Table B2.2.1.2 of the application)	Carbon Monoxide (CO)	Combustion unit Cab A Avon 1533 fired on natural gas via stack through silencer etc	750 mg/m^3	Daily average	Continuous	Predictive Emissions Monitoring as described in the application or otherwise agreed in writing by the Environment Agency
			750 mg/m^3	95% of validated hourly averages within a calendar year	Continuous	
A2 (Application part 3 Figure 1.3c,detailed in Table B2.2.1.2 of the application)	Carbon Monoxide (CO)	Combustion unit Cab B Avon 1533 fired on natural gas via stack through silencer etc	700 mg/m^3	Daily average	Continuous	Predictive Emissions Monitoring as described in the application or otherwise agreed in writing by the Environment Agency
			700 mg/m^3	95% of validated hourly averages within a calendar year	Continuous	
A3 (Application part 3 Figure 1.3c,detailed in Table B2.2.1.2 of the application)	Carbon Monoxide (CO)	Combustion unit Cab C Avon 1533 fired on natural gas via stack through silencer etc	750 mg/m^3	Daily average	Continuous	Predictive Emissions Monitoring as described in the application or otherwise agreed in writing by the Environment Agency
			750 mg/m^3	95% of validated hourly averages within a calendar year	Continuous	
A1 (Application part 3 Figure 1.3c,detailed in Table B2.2.1.2 of the application)	Carbon Monoxide (CO)	Combustion unit Cab A Avon 1533 fired on natural gas via stack through silencer etc	-	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 15058 or as agreed in writing with the Agency

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
A2 (Application part 3 Figure 1.3c,detailed in Table B2.2.1.2 of the application)	Carbon Monoxide (CO)	Combustion unit Cab B Avon 1533 fired on natural gas via stack through silencer etc		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.	
A3 (Application part 3 Figure 1.3c,detailed in Table B2.2.1.2 of the application)	Carbon Monoxide (CO)	Combustion unit Cab C Avon 1533 fired on natural gas via stack through silencer etc			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	
A4 (detailed in Table B2.2.1.2 of the application)	No parameters set	Diesel Oil tank breather vent	No limit set	-	-	Permanent sampling access not required.
A5 (detailed in Table B2.2.1.2 of the application)	No parameters set	Generator exhaust stack	No limit set	-	-	Permanent sampling access not required.
A6 (detailed in Table B2.2.1.2 of the application)	No parameters set	Lube oil store breather vent	No limit set	-	-	Permanent sampling access not required.
A7 – A31, A39 – A46 (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.
A32 (detailed in Table B2.2.1.2 of the application)	No parameters set	Depressurisation plant – vent stacks	No limit set	-	-	Permanent sampling access not required.
A33 detailed in Table B2.2.1.2 of the application)	No parameters set	Water bath heater exhaust gases	No limit set	-	-	Permanent sampling access not required.
A34 (detailed in Table B2.2.1.2 of the application)	No parameters set	Gas pressure relief valve	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
A35, A36 & A38 (detailed in Table B2.2.1.2 of the application)	No parameters set	Cab A, B & C emergency vent stack	No limit set	-	-	Permanent sampling access not required.
A37 (detailed in Table B2.2.1.2 of the application)	No parameters set	Station emergency vent stack	No limit set	-	-	Permanent sampling access not required.
A47 – A50 (detailed in Table B2.2.1.2 of the application)	No parameters set	Offices	No limit set	-	-	Permanent sampling access not required.

SCHEDULE 3 – CONDITIONS TO BE ADDED

None