

Permit Number: ZP3331LM

Operator: BHP Billiton Petroleum Ltd

Installation: Point of Ayr Gas Terminal Form Number:

Air1 (26/02/07)

Reporting of emissions to air for the period from 01/01/14 to 31/12/14

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result <sup>[1]</sup>	Test Method <sup>[2]</sup>	Sample Date and Times <sup>[3]</sup>	Uncertainty <sup>[4]</sup>
A1	Oxides of nitrogen (NO and NO <sub>2</sub> expressed as NO <sub>2</sub> )	120 mg/m <sup>3</sup>	Hourly average	52	ISO 10849:1996	20:00 1/5/14	-
A1	Sulphur dioxide	190mg/m <sup>3</sup>	Hourly average	151	ISO 6069-4.4	02:00 1/11/14	-
A2	Oxides of nitrogen (NO and NO <sub>2</sub> expressed as NO <sub>2</sub> )	100 mg/m <sup>3</sup>	1 hour period	63	BS EN 14792	11:00-12:10 23/12/14	+/-4.3
A1	Operating temperature of thermal oxidiser	Minimum of 850°C	continuous	850°C	-	-	-

1. The result given is the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, the result is given as the 'minimum – maximum' measured values.
2. Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with the Agency is used, then the appropriate identifier is given. In other cases the principal technique is stated, e.g. gas chromatography.
3. For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements the percentage of the process operating time covered by the result is given.
4. The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

Signed  .....  
(Authorised to sign as representative of Operator)

Date: 26-01-14

Permit Number: ZP3331LM Operator: BHP Billiton Petroleum Ltd  
Installation: Point of Ayr Gas Terminal Form Number: Energy1 n(26/02/07)

**Reporting of Energy Usage for the year .....2014.....**

Energy Source	Energy Usage		Primary Energy (MWh)	Specific Usage (MW/tonne of product)
	Quantity			
Electricity *	MWh 5505.04		14313.104	0.01817
TOTAL	-			

\* Conversion factor for delivered electricity to primary energy = 2.6

**Operator's comments :**

This is the quantity of electricity purchased. Most electricity is generated on-site by gas turbine generator and surplus is sold into the grid. The specific usage value is therefore not meaningful.

Signed .....  
(Authorised to sign as representative of Operator)  
Date.....

Permit Number: ZP3331LM Operator: BHP Billiton Petroleum Ltd  
 Installation: Point of Ayr Gas Terminal Form Number: Water1 (26/02/07)

**Reporting of emissions to water (other than to sewer) for the period from .....01/01/14..... to .....31/12/14.....**

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result <sup>[1]</sup>	Test Method <sup>[2]</sup>	Sample Date and Times <sup>[3]</sup>	Uncertainty <sup>[4]</sup>
W1	pH	6-9	Periodic	7.00-9.00	BS6068-2.50	15:00 06/01/14 11:50 17/08/2014	-
W1	Biochemical oxygen demand	15 mg/l	Periodic	8.28	BS EN 1899-1 (1998)	10:00 15/07/2014	-

[1] The result given is the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, the result is given as the 'minimum – maximum' measured values.

[2] Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with the Agency is used, then the appropriate identifier is given. In other cases the principal technique is stated, e.g. gas chromatography.

[3] For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements the percentage of the process operating time covered by the result is given.

[4] The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

Signed  Date 26-01-14  
 (Authorised to sign as representative of Operator)




Permit Number: ZP3331LM Operator: BHP Billiton Petroleum Ltd  
Installation: Point of Ayr Gas Terminal Form Number: WaterUsage1 (26/02/07)

Reporting of Water Usage for the year .....2014.....

Water Source	Usage (m <sup>3</sup> /year)	Specific Usage (m <sup>3</sup> /tonne of product)
Mains water	86859m <sup>3</sup>	86859/787605 = 0.1103
Site borehole	n/a	-
TOTAL WATER USAGE	m <sup>3</sup>	

Operator's comments :  
No site borehole.

Signed  Date 26-01-14  
(authorised to sign as representative of Operator)

Permit Number: ZP3331LM

Operator: BHP Billiton Petroleum Ltd

Installation:

Point of Ayr Gas Terminal Form Number: Performance 1 (26/02/07)

**Reporting of other performance indicators for the period .....01/01/14..... to .....31/12/14.....**

Parameter	Units
Total product produced (exported sales gas)	Tonnes/tonne of imported off-shore gas
787605/852325 = 0.924	tonne Export / tonne Import

Operator's comments :

Terminal gas consumption comprises fuel and flare.

Signed  .....  
(Authorised to sign as representative of Operator)

Date: 26-01-14 .....