

Permit Reference Number: NP3738SY

Operator: South East London Combined Heat and Power Ltd

Installation: SELCHP

Form Number: NP3738SY / PER

Date of Form: 01/09/2005

Reporting of Performance Indicators for the period 1st January 2016 to 31st March 2016

Annual Production/Treatment		
<i>Waste incinerated. The amount of waste incinerated should be used as performance indicator</i>	119,338	Tonnes

Environmental Performance Indicators

Parameter	Quarterly Average	Units
Supplementary Fuel used	0.195	Kg/tonne
Mass of bottom ash produced	199.142	Kg/tonne
Mass of APC residues produced	27.774	Kg/tonne
Mass of carbon used	232.967	g/tonne
Mass of lime used	8.306	Kg/tonne
Mass of ammonia used	148.987	Kg/tonne
Potable water used	0.378	m ³ /tonne
Scale Inhibitor (2.5%KOH)	-	Kg/1000 m ³ of water used
Biodispersant (10% Sulphosuccinate)	-	Kg/1000 m ³ of water used
Biocide (2.5%NaBr)	-	Kg/1000 m ³ of water used

Operator's comments :
Chemicals used on the Evaporative condenser reported on the last quarter as total annual

Signed: Lewis Smith - Environmental Technician
(authorised to sign as representative of Operator)

Date: 6th of January 2017

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Operator: South East London Combined Heat and Power Ltd

Installation: SELCHP

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Reporting of Performance Indicators for the period 1st April 2016 to 30th June 2016

Annual Production/Treatment		
<i>Waste incinerated. The amount of waste incinerated should be used as performance indicator</i>	99,715	Tonnes

Environmental Performance Indicators

Parameter	Quarterly Average	Units
Supplementary Fuel used	2.170	Kg/tonne
Mass of bottom ash produced	200.301	Kg/tonne
Mass of APC residues produced	27.773	Kg/tonne
Mass of carbon used	257.742	g/tonne
Mass of lime used	7.279	Kg/tonne
Mass of ammonia used	100.393	Kg/tonne
Potable water used	0.376	m ³ /tonne
Scale Inhibitor (2.5%KOH)	-	Kg/1000 m ³ of water used
Biodispersant (10% Sulphosuccinate)	-	Kg/1000 m ³ of water used
Biocide (2.5%NaBr)	-	Kg/1000 m ³ of water used

Operator's comments :
Chemicals used on the Evaporative condenser reported on the last quarter as total annual.

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Reporting of Performance Indicators for the period 1st July 2016 to 30th September 2016

Annual Production/Treatment		
<i>Waste incinerated. The amount of waste incinerated should be used as performance indicator</i>	115,073	Tonnes

Environmental Performance Indicators

Parameter	Quarterly Average	Units
Supplementary Fuel used	0.320	Kg/tonne
Mass of bottom ash produced	199.376	Kg/tonne
Mass of APC residues produced	25.909	Kg/tonne
Mass of carbon used	270.942	g/tonne
Mass of lime used	7.709	Kg/tonne
Mass of ammonia used	135.273	Kg/tonne
Potable water used	0.544	m ³ /tonne
Scale Inhibitor (2.5%KOH)	-	Kg/1000 m ³ of water used
Biodispersant (10% Sulphosuccinate)	-	Kg/1000 m ³ of water used
Biocide (2.5%NaBr)	-	Kg/1000 m ³ of water used

Operator's comments :

Chemicals used on the Evaporative condenser reported on the last quarter as total annual

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Installation: SELCHP

Form Number: NP3738SY / PER

Date of Form: 01/09/2005

Reporting of Performance Indicators for the period 1st October 2016 to 31st December 2016

Annual Production/Treatment		
<i>Waste incinerated. The amount of waste incinerated should be used as performance indicator</i>	114,110	Tonnes

Environmental Performance Indicators

Parameter	Quarterly Average	Units
Supplementary Fuel used	0.890	Kg/tonne
Mass of bottom ash produced	191.599	Kg/tonne
Mass of APC residues produced	27.960	Kg/tonne
Mass of carbon used	250.688	g/tonne
Mass of lime used	8.412	Kg/tonne
Mass of ammonia used	130.840	Kg/tonne
Potable water used	0.376	m ³ /tonne
Scale Inhibitor (2.5%KOH)	0.0289	Kg/1000 m ³ of water used ¹
Biodispersant (10% Sulphosuccinate)	0.0016	Kg/1000 m ³ of water used ¹
Biocide (2.5%NaBr)*	0.1666	Kg/1000 m ³ of water used ¹

Operator's comments :

Chemicals used on the Evaporative condenser reported on the last quarter as total annual per total annual water used (Kg/1000 m³)

*Note: biocide is formed by Sodium Bromide (NaBr) and Sodium Hypochlorite (NaOCl), therefore both chemicals have been added to the calculation.

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