

Permit Number : BT4885IT

Operator : UPM-Kymmene UK Ltd

Facility : Shotton Paper Mill

Form Number : Performance 1

Reporting of WID Performance Indicators for the year 2016

Quarterly Performance Parameters (WID Plant)	Units				
		Qtr 1	Qtr 2	Qtr 3	Qtr 4
Mass of bottom/fly ash produced	Kg/tonne of waste incinerated (dry basis)	33.04	39.23	30.24	23.96
Mass of combustor ash residues produced	Kg/tonne of waste incinerated (dry basis)	279.48	306.41	253.64	181.66
Water consumption	M ³ /tonne of waste incinerated (dry basis)	0.14	0.19	0.21	0.16
Ammonia / Urea consumption	Kg/tonne of waste incinerated	1.22	1.63	2.68	1.23
Electricity consumption	MWhr/tonne of waste incinerated (dry basis)	0.131	0.164	0.147	0.145
Natural gas consumption	Tonne/tonne of waste incinerated (dry basis)	3150	1861	1852	2017
Periods of WID Abnormal Operation	Number of Occasions	2	0	2	1
	Cumulative Hours for Current Calendar Year	4	4	6	8

Annual Production/Treatment		
RCF (De-inking sludge) waste incinerated		73484 Tonnes
Biomass incinerated		51793 Tonnes
Waste wood incinerated		93933 Tonnes
Waste not otherwise specified incinerated		0 Tonnes
Thermal energy produced e.g. steam	LCP Plant	20617 Mwhrs
	WID Plant	252435 MWhrs
Power Generated		124808 MWhrs

Operator's comments :

Natural gas consumption specified in Mwhr / tonne of waste incinerated and NOT tonne / tonne.

Signed.....
(authorised to sign as representative of UPM Kymmene Limited)

Date..... 24/2/17