

Permit Number : BT4885IT

Facility : Shotton Paper Mill

Operator : UPM-Kymmene UK Ltd

Form Number : Performance 1

Reporting of WID Performance Indicators for the year 2015

Quarterly Performance Parameters (WID Plant)	Units	Qtr 1 Qtr 2 Qtr 3 Qtr 4			
		Qtr 1	Qtr 2	Qtr 3	Qtr 4
Mass of bottom/fly ash produced	Kg/tonne of waste incinerated (dry basis)	35.28	33.26	32.19	26.16
Mass of combustor ash residues produced	Kg/tonne of waste incinerated (dry basis)	290.16	257.48	277.62	240.41
Water consumption	M ³ /tonne of waste incinerated (dry basis)	24.72	27.14	24.03	21.87
Ammonia / Urea consumption	Kg/tonne of waste incinerated	1.84	1.63	1.34	1.23
Electricity consumption	MWhr/tonne of waste incinerated (dry basis)	0.140	0.138	0.149	0.143
Natural gas consumption	Tonne/tonne of waste incinerated (dry basis)	0.0033	0.060	0.036	0.064
Periods of WID Abnormal Operation	Number of Occasions	0	1	0	2
	Cumulative Hours for Current Calendar Year	0	6	8.5	14.5

Annual Production/Treatment			
RCF (De-inking sludge) waste incinerated		116500 Tonnes	
Biomass incinerated		87748 Tonnes	
Waste wood incinerated		110835 Tonnes	
Waste not otherwise specified incinerated		0 Tonnes	
Thermal energy produced e.g. steam	LCP Plant		
	WID Plant	264331 MWhrs	
Power Generated		141948 MWhrs	

Operator's comments : Natural gas consumption specified in Mwhr / tonne of waste incinerated and tonne / tonne.

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

Date..... 25/11/16