



Permit Number:    EPR/VP3635SY

Operator:            Viscose Closure Limited

Facility:            Cellulose Extrusion Plant

Form Number:        WaterUsage1 / 06/01/14

**Reporting of other performance indicators for the period 01.01.20 to 31.12.20**

Water Source	Usage (m <sup>3</sup> /year)	Specific Usage (m <sup>3</sup> /unit output)
Mains water		
<b>TOTAL WATER USAGE</b>	<b>19386</b>	<b>65.5 cub meter / tonne of viscose converted</b>

Operator's comments :

Please note that the site has only 1 flowmeter. This means that the above data is for the whole site however ± 98% of the total water usage is consumed by the permitted process.

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

Date.....13.01.2020.....

Permit Number:      EPR/VP3635SY                              Operator:                Viscose Closure Limited  
 Facility:             Cellulose Extrusion Plant                      Form Number:        Energy1 / 06/01/14

**Reporting of other performance indicators for the period 01.01.20 to 31.12.20**

Energy Source	Energy Usage		Specific Usage (MWh/unit output)
	Quantity	Primary Energy (MWh)	
Electricity *	452 MWh	678 MWh	1.53 MWh / tonne viscose converted
Gas	1411 MWh		4.77 MWh / tonnes viscose converted
TOTAL	MWh		

\* Conversion factor for delivered electricity to primary energy = 1.501 (Dec 2019)

Operator's comments :

Please note that energy usage is for the whole site. Only one gas and electricity meter are on site.  
 Please note that in early February a new gas assembly and meter was installed by the National Grid. It appears now that the previous gas meter did not record correctly however this is still being investigated by the National Grid and the gas supplier. Data might be changing in due course.

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

Date.....13.01.2020.....

Permit Number: EPR/VP3635SY

Operator: Viscose Closure Limited

Facility: Cellulose Extrusion Plant

Form Number: Performance1 / 06/01/14

**Reporting of other performance indicators for the period 01.01.20 to 31.12.20**

Parameter	Units
Total raw material used (Amount of viscose consumed)	296 tonnes of viscose delivered
Annual production of cellulose rings	27.2 tonnes of cellulose present in rings
Waste produced:	
Spent caustic (hazardous waste)	241 tonnes
Wet cellulose (hazardous waste)	14.4 tonnes
Dry cellulose (non-hazardous waste)	24.7 tonnes

Operator's comments :

The average cellulose contents of viscose is 9.2% w/w.  
Wastes reported are solely related to the manufacture of cellulose bands i.e. the permitted process

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

Date.....13.01.2020.....