



MARBLE HALL ROAD MILFORD HAVEN  
PEMBROKESHIRE SA73 2PP WALES UK  
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### **2.7.1 Review of Energy Consumption 2020**

#### **Energy used 2020**

Electricity – 727.8 Mwh  
Gas – 504 Mwh  
Total Energy 1231.8 Mwh

Number of production units produced in 2020: 614,311.  
Production units produced 614,311 ÷ Energy used 1231.8 Mwh  
= 499 production units produced per 1 Mwh energy used

#### Notes:

A/ Purchased and installed new high efficiency furnace. All electric kilns are only used when full to capacity. Have added two more high efficiency furnaces replacing old one.

B/ High Efficiency Lighting have been fitted throughout the site. Since all work is done by CBL personnel, this has been a phased-in plan to replace all lighting and is now completed. We continue to upgrade with state of the art LED lighting.

C/ Inverter Drives soft start were fitted to the main vokes filter bank, print room extract and air-conditioning, the ball mills, and fume cupboard in cleaning department to reduce the demand of the hard start-up.

D/ All extract systems shut down at end of work day; but also have the capability to run the main vokes filter bank at 50% level if we do require, on limited occasions, to run overnight.

E/ All boilers and heating are serviced annually and are all fitted with timers and thermostats. As necessary, they are replaced with high efficiency equipment. .

F/ External lighting is motion detector activated or on adjustable timers. These have also been upgraded to LED lighting.

G/ Whenever possible, instead of running overtime on weekends we add personnel to work extra hours during weekday shift time.

H/ All computer/fax/printer hardware are shut down at the end of each day.

I/ Fully decommissioned old equipment is replaced with highly efficient state-of-the-art equipment. This continues throughout the plant as needed and desirable.

**Signed ...SH Jones.....**

**Date ...18/01/21.....**