



MARBLE HALL ROAD MILFORD HAVEN
PEMBROKESHIRE SA73 2PP WALES UK
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2.7.1 Review of Energy Consumption 2022

Energy used 2022

Electricity – 724.1 Mwh

Gas – 413 Mwh

Total Energy 1137.1 Mwh

Number of production units produced in 2022: 931,673.

Production units produced 931,673 ÷ Energy used 1137.1 Mwh

= 819 production units produced per 1 Mwh energy used

Notes:

A/ Purchased and installed 2 x new high efficiency furnaces. All electric kilns are only used when full to capacity. Have added three more high efficiency furnaces replacing old ones.

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 . 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. A new hot water storage system has been installed on the shower room boiler.

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 ...P Nash.....

Date ...11/01/23.....