

MARBLE HALL ROAD

MILFORD HAVEN, PEMBROKESHIRE. SA73 2PP, WALES, UK

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4.1.4 Review Of Fugitive Emissions 2020

Daily maintenance is carried out on each piece of equipment that has been utilized during shift by the individual operators. Most equipment is covered by preventive maintenance and emergency service contracts. Annually, the plant is closed for a week of major maintenance, repair and/or upgrade servicing. All plant equipment is linked into the trade effluent system. All effort minimizes or eliminates any risk to groundwater

CBL uses quite small quantities, as detailed below,

a) Organic Solvents

Chemical:	Dept used:	Quantity per annum:
Industrial Meths	Hot pressing	1850 litres (as liquid)
Butanone	Ceramic cleaning	35 litres (as liquid)
Xylene	Metallisation	1.5 litres (as liquid)
Isopropanol	Hot pressing	15 litres (as liquid)
Glycol-ether	Metalisation	0.25 litres (liquid)

All of these solvents are vented through the exhaust systems to air.

b) Inorganics

Chemical:	Dept used:	Quantity per annum:
Ammonia	Powder processing	5.6 litres as (liquid)

All of the Ammonia is vented through the Powder Processing exhaust system to air.

c) Gases

Chemical:	Dept used:	Quantity per annum:
Natural gas : methane	5 gas boilers/heaters	504 MWh consumed
Hydrogen	Metallisation	87,120 litres of gas

All of the Hydrogen is vented to air.

SignedSH Jones.....

Date18/01/21

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