



ANNEXE 1

INFORMATION VARIATION OF PERMIT EP15.1(A2) WARRINGTON

Abstract

This document contains information regarding the permit variation request submitted by Warrington Plastic Omnium Plan on the year 2024

GRANDGIRARD, Matthieu
Matthieu.grandgirard@plasticomniun.com

B2.1 Describe the proposed change to the installation and activities and identify the foreseeable emissions to air, water & land from effecting this change (this will include any foreseeable emissions during start up, shut down and any breakdown/abnormal operation).

Only foreseeable emissions will be during operation, as we increased the quantity of solvent used, at the same abatement efficiency as existing, this will result in a slight increase in the voc at stack (for the same concentration by cubic meter.

B2.2 Once all foreseeable changes in emissions as a result of the proposed change have been identified each emission should be characterised (including odour) and quantified.

See Annexe 3 for solvent quantity planned change.

No change in nature of product (solvent, no odor from rto stack)

B2.3 For each emission which will be affected by the proposed change describe the current and proposed technology and other techniques for preventing or, where that is not practicable reducing the emissions.

Emissions will be prevented/reduced by the use of the DAA RTO, as before, the equipment will be upsized to accommodate with the increase solvent quantity.

B2.4 Identify the raw and auxiliary materials, other substances and water that will be affected by the proposed change in the activities listed in the table in B1.1.

The Raw material change will be the introduction of solvent born Primer material, on top of original water born product. No other substances are expected to be affected by the activities listed in B1.1

B2.5 Characterise and quantify the effect of the proposed change on each waste stream from the installation and describe the proposed measures for waste prevention and reduction. Please also include any changes required in waste management issues storage and handling of the waste.

We expect no changes regarding waste management resulting from this change.

B2.6 *Identify if any changes will occur to a discharge of any List 1 or List II substance as a result of the proposed change and if any are identified. Explain how the requirements of the Groundwater Regulations 1998 (SI 2746) will be addressed (see attached lists). Also describe the proposed techniques used to prevent and reduce discharges to groundwater as a result of the change.*

We didn't identify any change will occur to a discharge of any List 1 or List II substances.

B2.7 *Provide details of the effect the proposed change will have on energy consumption and generation by source and end-use and, if there is a change describe the proposed measures for improvement of energy efficiency. If this change will affect your inclusion in a climate change levy agreement, please provide details*

All following change should improved the installation energy efficiency.

Yearly	Energy (kw.h)	CO2(kg)
Gas	100	301
Electricity	166	252

Please find in the figure 1 below the expected outcome.

Energy Reduction, Gas and electricity

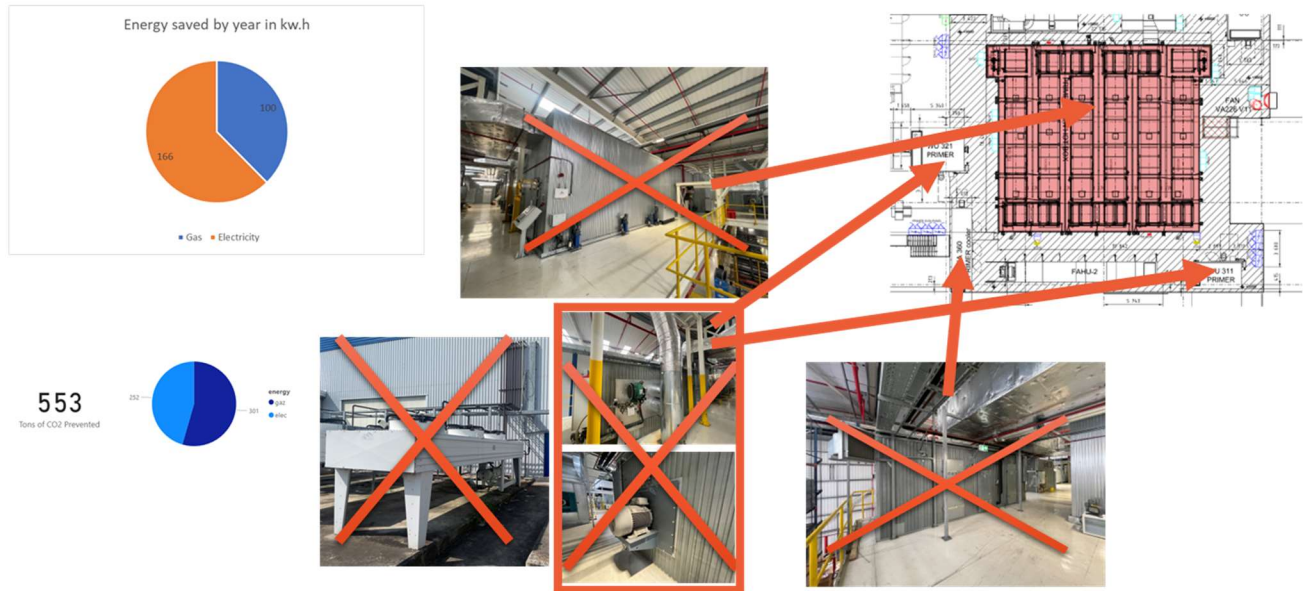


Figure 1: Energy Review

B2.8 Describe the effect the proposed change will have on systems used in the event of unintentional releases and their consequences. This must identify, assess and minimise any change in the environmental risks and hazards, provide a risk-based assessment of any change in the likely unintentional releases.

System will behave as before the change, in case of issue/bypass, the paint line will stop.

B2.9 Describe the effect the proposed change will have on the sources of noise & vibration identified in your original application. Also describe any additional sources which may be added by this proposed change and the proposed technology and techniques for the control of the noise & vibration.

The proposed change was requested to have vibration and noise at the same level as currently operating, the installation won't have any new source of noise or vibration.

B2.10 Describe the proposed measures for additional monitoring of all identified emissions as a result of the proposed change.

The change is not adding source of VOC, but changing their quantity, as a result, the monitoring system will be kept the same as existing.

B2.11

B2.11(a) Describe the effect the proposed change will have on any pollution risk to land and the ability to return the site of the installation to a satisfactory state upon definitive cessation of activities, you may wish to refer to the site report submitted in your original application.

The change is not expected to have effect on pollution risk and ability to return the site of the installation to satisfactory state upon definitive cessation of activities.

B2.11(b) the proposed change will result in additional land being included within the site of the installation, please submit an additional site report describing the condition of the land identifying any substance in, on or under the land which will constitute a pollution risk.

See previous answer

B2.12 Describe the effect the proposed change will have on your environmental management techniques, in relation to the installation activities described.

The change will not impact our environmental management techniques

B2.13 Detail in the table provided below, or on an additional sheet if preferred, the exact conditions you wish to change in your current permit.

See Annexe 4.

B2.14 Please supply any additional information which you would like us to take account of in considering this variation application.

No information to add.