

## **Ancient House – Permit Inspection – 27<sup>th</sup> November 2012 – Louise Burns**

Edwin Mayhew [EW] and Peter Darnell [PD] from Levington Environmental.

The sheet fed offset KBA Rapida 105 will be replaced in early 2012 with a newer more efficient sheet fed offset machine. EM will send in details and permit will be varied in accordance with 2011 PG note.

The permit is complied with and no issues raised, however, the operator did not understand some of the conditions and others were no longer relevant to the installation. See below:

### **Condition 10,11,12**

The emissions from the stack are so minimal that there is never any visible smoke.

### **Condition 20 & 21**

There is no PM abatement plant, monitoring shows that PM levels are so low that abatement is not necessary. PM's are burned off by the after burner.

### **Condition 24 & 25**

Should failure in abatement occur, whole system closes down so no need for any alarms

### **Condition 26**

No continuous monitoring is undertaken.

## **CALIBRATION AND COMPLIANCE MONITORING – NEED TO DISCUSS WITH DAVID – NOT CLEAR WHETHER NECESSARY AS NO CONTINUOUS MONITORING**

### **Conditions 31-33**

Monitoring frequency can be varied as low risk and emissions.

### **Conditions 34 & 35**

n/a

### **Condition 36**

All voc waste is stored in sealed 5 gallon drums then poured into an IBC for collection by J&G Environmental.

### **Conditions 38-39**

No mixing is undertaken, ink is pumped straight to printers from IBC's.

### **Condition 40**

N/A as using high solid low solvent inks

### **Condition 41**

Propenol is currently used in the dampening process which stops the transfer of ink to non-image zones of the printing plate. This is only 5% RBA by weight. The new machine will be alcohol free.

### **Condition 42**

As above – cooling not needed.

### **Condition 43**

Operation constantly being reviewed and in any case complied with stringent COSHH rules.

**Conditions 44 & 45**

Printers wipes are used then disposed of in a lidded bin, then bagged and sealed prior to collection by the suppliers. The solvents are extracted and recycled.

These conditions can be amended.

**Condition 46**

Equipment is not cleaned off line, a rag is run through the machine, then bagged and sealed prior to collection when the solvents are extracted and recycled.

**Condition 47**

Remove – no relevant

**Conditions 52 -56**

Calculation undertaken annually by Levington Environmental – see Test Reports

**Conditions 57-60**

All complied with - coshh

**Conditions 61-65**

Very low emission results – stack height now irrelevant – no concerns about emission dispersal. Remove conditions.