Environmental emissions monitoring

Workplace air monitoring

Workplace noise monitoring

Environmental noise monitoring

HAVS

Indoor air quality

Biological agents

Hazmat surveys

COSHH assessments

Training

LEV

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EMISSIONS MONITORING TO COMPLY WITH HUNTINGDON DISTRICT COUNCIL PERMIT B18/14

Linx Printing Technologies, Linx House, Stocks Bridge Way, St Ives, PE27 5JL

Report Written by: Simon Skentelbery

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EXECUTIVE SUMMARY

Emissions to atmosphere were assessed on the 23rd February 2017 at Linx House, Linx Printing Technologies, to assess the levels of VOC being emitted from the stacks fed by the Local Exhaust Ventilation (LEV). The results and information obtained during the visit indicated that all results were found to be below the limits stated in Huntingdonshire Council Permit B18/14

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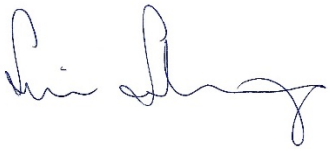

Simon Skentelbery
General Manager

VERIFIED BY:

Matthew Wadie
Principal Consultant

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1. INTRODUCTION

On 23rd February 2017 emissions monitoring was completed on behalf of Mr James Barnes at Linx Printing Technologies, Stocks Bridge Road, St Ives (Linx House) was completed by Simon Skentelbery. The monitoring was carried out to assess emissions of VOC being emitted into the atmosphere from 2 stacks associated with Solvent Cleaning.

2. PROCEDURES

MCERTS were not requested and are not applicable to the work detailed in this report. Total VOC was measured using a Bernath FID calibrated against a propane span gas.

3. OBSERVATIONS

Stack velocity was measured using a pitot tube, coupled to an electronic manometer, both are calibrated annually by a UKAS accredited supplier. Temperature measurements were taken using a K-type thermocouple connected to an electronic thermometer, again both are calibrated annually by a UKAS accredited supplier.

Two stacks serve the Solvent Cleaning operation.

Production levels were considered to be normal, solvent cleaning operations were confirmed to have occurred during the monitoring.

4. RESULTS

4.1 VOC

Sampling Time	Concentration (mg/m^3)	Emission Rate*(kg/hr)	Local Authority Limit (mgC/m^3)
09:26-09:56	42	0.28	**75mg.m^3**
09:59–10:29	53	0.35	
10:35-11:05	28	0.18	

*Based on volumetric flowrate of 0.91m^3/sec

5. CONCLUSIONS

The results and information obtained during the visit indicated that all results were found to be below the limits stated in Huntingdonshire Council Permit B04/94