

Workplace air
monitoring

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Environmental
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EMISSIONS MONITORING TO COMPLY WITH
HUNTINGDON DISTRICT COUNCIL PERMIT B04/94

Linx Printing Technologies, 33 Edison Road, St Ives ("Unit 4")

Report Written by: Simon Skentelbery

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EXECUTIVE SUMMARY

Emissions to atmosphere were assessed on the 27th February 2018 at "Unit 4" Linx Printing Technologies, to assess the levels of VOC and particulate matter 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 B04/94

SURVEYED BY :



Simon Skentelbery
General Manager

VERIFIED BY:



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Principal Consultant

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1. INTRODUCTION

On 27th February 2018 emissions monitoring was completed on behalf of Mr James Barnes at Linx Printing Technologies, Edison Road, St Ives (known as Unit 4) was completed by Simon Skentelbery and Darren Bolton. The monitoring was carried out to assess emissions of VOC and total particulate matter being emitted into the atmosphere from the Main Stack of the Local Exhaust Ventilation (LEV) systems.

2. PROCEDURES

MCERTS were not requested and are not applicable to the work detailed in this report.

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.

The Main Stack serves all LEV systems within the Ink Production plant.

Production levels were considered to be normal.

4. RESULTS

4.1 Particulate Matter

Run No.	Sampling Time	Total Particulate	Concentration (mg/m ³)	Local Authority Limit (mg/m ³)
1	08:38-16:38	ND	ND	20mg/m ³ 8 hour mean

4.2 VOC

Sampling Time	Concentration (mg/m ³)	Emission Rate*(kg/hr)	Local Authority Limit (mg/m ³)
08:42-16:42	318	1.03	150mg.m ³

*Based on volumetric flowrate of 0.91m³/sec

5. CONCLUSIONS

The results and information obtained during the visit showed that the particulate results were below the limits stated in Huntingdonshire Council Permit B04/94 but the VOC emissions were above the same limit and higher than 2017's results.

6. VOC Data

