

sample lev report

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THOROUGH ON-GOING EXAMINATION COSHH TEST OF LEV SYSTEM

LEV System Number:-		LEV 02 Report Number:- J8538					
1. Name of Company		Mr Engineering co					
2. Address							
		Acrimeten					
		Acrington					
3. Contact Name & Te	elephone Number	Mr Man					
4. Identification of LE	V plant	Mobile Weld Fume	Extractor				
A. Equipment Manufactu	Irer/Installer	Kemper					
B. Notes		Mobile Weld Fume	Extractor c/w 4m economy fume a	rm and integral fai	n. Pre filter and HEPA		
		filtermake up the filtration. Hood is 270mm diameter.					
	-						
5. Location of LEV Pla	int	Welding Workshop					
6. Identification of pro	ocess	Removal of welding	fumes and dust at source.		ter an		
7. Hazardous Substan	ice(s)	Fumes and dusts ci Safety Data Sheets	reated by welding processes. WEL (MSDS) Hazard Band and Risk Pl	's apply, Please rei brase: see relevant	er to the relevant Material		
		Surcey Data Sheets					
8 Pequilations Applica	anla	COSHH Regulation	s 2002 (as ammended) HSC 258				
9. Condition at time o	of Appraisal	The unit was stood	down from normal operation at tir	ne of test			
10. Does the LEV cont	trol the Process?	Yes. A qualitative test was performed and the system contains the fumes when the hood is placed					
		within 150mm of the source.					
11. Method used to m	ake judgement at 10	Airflow measurements took at the hood using an anemometer.					
		A qualitative test was performed using smoke tubes and observing the system when in use.					
12. Condition of Filter(s)		HEPA filter is slight	ly damaged and there is a possibili	ty of the contamin	ant by passing the filter. Pre		
		liter is taken and i	equites cleaning.				
13. Is the LEV plant in	i good order.	Hood Joint was re-t	enuoneu.				
14. Repairs/modificat	tions required to ensure	Ensure that the filte	ers and arm is maintained well. Us	e the log book att	ached to the report to help		
the LEV plant effect	ctively controls the	maintain a checklist to the system. Empty the collection bin at interim periods in accordance with the					
Hazardous Substa	nces(s)	processes. Remove and clean filter at regular intervals. A filter indicator light is present on this unit.					
15. Intended operatin	ng performance	In relation the HSG258, it is recommended that a minimum capture velocity for fume is 0.5m/s at the					
		source.					
16. Observations/Not	tes	Fumes are filtered and re circulated. Potentially fumes are by passing due to damaged HEPA filter.					
		_					
Number of Extraction	Points:- 1	Points to be used	l at any one time:-	1			
17. Fan Details	Manufacturer:-	Kemper	Speed (rpm):-	2820			
	Model No:-	B410010104	Current (A):-	0.84			
	Power (kW):-	1.1kW	Max Flow Rate (m3/hr):-	1200 M3 / HR			
18. Motor Details	Fan Type	Centrifugal					
	Serial No:-	B410010104	Speed (rpm):-	2820			
	Direction of Rotation:-	Correct	Maximum Pressure (Pa)	1350 pa			
	Manufacturer:-	ABB					

19. Primary Filter	Manufacturer:-	Pre Fiter	Inlet Static Pressure (Pa):-	
	Serial No:-	Unknown	Outlet Static Pressure (Pa):-	
	Type:-	Pad	Across Filter (Pa):-	
	Filter Medium:-	Synthetic Fibre	Volume Flow (m3/s):-	
	Discharged Air To:-	Atmosphere	Condition:-	Average
				-
	Manufacturer:-	Unknown	Inlet Static Pressure (Pa):-	~
20. Secondary Filter	Serial No:-		Outlet Static Pressure (Pa):-	~
	Туре:-	HEPA	Across Filter (Pa):-	~
	Filter Medium:-		Volume Flow (m3/s):-	~
	Discharged Air To:-	Atmosphere	Condition:-	Poor

Test Point No.	Type of Point	Total Pressure (Pa)	Round Duct Dia (mm)	Round Duct Vel (m/s)	Total Volume Flow (m3/hr)	Hood/ Grille Length (mm)	Hood/ Grille Width (mm)	Hood / Grille Face Velocity (m/s)	Volume Flow (m3/hr)	Pass/Fail
P1	Hood	-	270	2.8	577.37	-	-	-	-	PASS
									-	
			**The abo	ve airflow ra	ate is an av	erage of 5	across the hood*	*		
									-	
									-	
									-	
									-	
									-	
									-	
									-	
									-	
									_	
									_	
Instrumo	nta llaad ta			Sorial No.	/if annli	cable)		Calibration	Data (if an	nlicahla)
	nus Useu lu	Test LEV		405515	. (п аррп	cable)		3rd Decemb	Date (II ap	plicable)
Smoke Tuł	nometer			N/Δ				N/A		
DRAWIN	G / LAYOUT							Notes		
							AND DESCRIPTION OF THE OWNER OF T	See section	14	
	a contractor									
	and the second second									
					田田			Damaged H	EPA pics to t	he left
	Dat									
	2	-	·							
	6				250000	Retriction of the second second	Tanana			
			-				AL DIVERSE			
		V			TRUMPING	announner fille	and a second second			
		TENPER	-GANE							
			1221							
		N. Statist	E			and and the		Roof wall	returned?	Returned
		ALC: NO				Minister .		Outlet cond	lition?	Good
	A MARKED	2 4				447.5	1000	Effective Di	stance?	150mm
		B En al	and the second				DA			1301111
SYSTEM	1:- PASSE	D / FAIL	ED				<u>PA</u>	DDED		

I certify that on the date stated, I carried out an LEV COSHH test on the plant specified above and the results of my appraisal are as shown as per HSG 258.

Date of Examination: Competant Person: Signature:- 09/04/2013 Warren Wilkes *W. Wilkes*

Date of Next Examination: 09

Date of Last Examination:

Unknown

09/04/2014





lant Locati	LEV No. LEV 02								
Date 09/04/13		Element	Condition	- Good /	Repairs / Spares Other Action	Signature			
	Fan Run	Filters	Ducting	Hoods	Arms	Hose			
	GOOD	POOR	N/A	GOOD	GOOD	GOOD	See section 14	W. Wilkes	





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CERTIFICATE

In accordance with the requirements of the CoSHH regulations 2002 approved code of practice, the system below has been tested. (This certificate is valid if shown as passed below).

Company Name:-

Mr Engineering co

Address:-

Acrington

LEV No. Plant Description: Plant Location:

LEV 02 Mobile Weld Fume Extractor Welding Workshop

System Passed / Failed:

Date:

Signature:

TESTING CARRIED OUT BY:-AUTO EXTRACT STSTEMS

A10 Kenyon Court, Moss Industrial Estate, Leigh, Gtr. Manchester, WN7 3PT.

In Assoication with





PASSED

09/04/2013

W. Wilkes