



DUST & FUME ENGINEERING • QUALITY FABRICATIONS

COSHH TEST

L.E.V. Assessment Record

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DUST & FUME ENGINEERING - QUALITY FABRICATIONS

COSHH TEST

EMPLOYER RESPONSIBLE FOR THE PLANT

Universal Wood Products Ltd
Oak House
Eastern Avenue
Romford
Essex
RM7 7AY

SITE LOCATION

Main Workshop

L. E. V.

PLANT TYPE	Chain Filter
PROCESS	Machine profiles
HAZARDOUS SUBSTANCE	M.D.F.
SITE CONDITIONS & TEMP	Normal 66°F – 19°C
DESIGNED VOLUMES	10375cfm – 17627mch
IS THIS ACHIEVED	Yes
NO. OF OUTLETS DESIGNED FOR	All
NO. OF OUTLETS IN USE	All
LAST TEST DATE BY WHOM	June 2005 Inventair Ltd
OTHER COMMENTS	None

COSHH TEST

PLANT TYPE AND SPECIFICATION

MAKE OF FILTER		Aagaard 5 + 1	
PRESSURE ACROSS PLANT		.07kpa	
VOLUME FLOW		11600cfm - 19708mch	
FAN TYPE	ROTATION	PB 36 – 37kw	Correct
PLANT NOISE LEVELS. INSIDE / OUTSIDE		82dBa @ 3mtr	
IMPROVEMENTS – REMARKS		None	
TEST EQUIPMENT USED IN EVALUATION		VISUAL THERMAL ANEMOMETER DECIBEL METER (TYPE 3 SURVEY METER) DIGITAL MANOMETER	
DATE OF TEST ENGINEER		May 2006 D. Seed	
IS THIS DUCTWORK SYSTEM SATISFACTORY?		Yes	

Housekeeping good

COSHH TEST

L.E.V.

MACHINE	TEST POINT NO.	DUCT SIZE DIA.	VELOCITY FPM	S. P. KPA	VOLUME FLOW CFM	VELOCITY METERS / SECOND	NOISE LEVEL dBA
Transport fan	1 in	250	4250	.04	2350		
Transport fan	2 out	250	4250	1.85	2350		
Main fan	3	560	4200	2.37	11750		
De-nibb	4	<u>3x 60</u> 1 x100		1.39			
De-nibb	5	200	3200		1170		
De-nibb	6 + 7	<u>125</u> 180	2800		750		
Paint de-nibb	8	100 125	2500		350		
Moulder	9	355	4000		4200		
Kikukawa	10	200	4000	.82	1375		
Saw	11	<u>3 x 150</u> 250	4000	.33	2250		

REMARKS

IF MARKED IN RED THESE VALUES ARE BELOW THE REQUIRED LIMITS.



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Universal Wood Products Ltd
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SITE LOCATION

Small Machine shop

L. E. V.

PLANT TYPE	4 – Bag Filter
PROCESS	Machine special profiles
HAZARDOUS SUBSTANCE	M.D.F.
SITE CONDITIONS & TEMP	Normal 66°F – 19°C
DESIGNED VOLUMES	1800cfm – 3058mch
IS THIS ACHIEVED	Yes
NO. OF OUTLETS DESIGNED FOR	6
NO. OF OUTLETS IN USE	3
LAST TEST DATE BY WHOM	June 2005 Inventair Ltd
OTHER COMMENTS	Yes

Housekeeping good!
Shake filter bags daily with fan off.
Ductwork oversized on main pipe work.

COSHH TEST

PLANT TYPE AND SPECIFICATION

MAKE OF FILTER		Delta Nue 7.5kw		
PRESSURE ACROSS PLANT		N/A		
VOLUME FLOW		1800cfm - 3058mch		
FAN TYPE	ROTATION	PB	7.5kw	Correct
PLANT NOISE LEVELS. INSIDE / OUTSIDE		N/A		
IMPROVEMENTS – REMARKS		None		
TEST EQUIPMENT USED IN EVALUATION		VISUAL THERMAL ANEMOMETER DECIBEL METER (TYPE 3 SURVEY METER) DIGITAL MANOMETER		
DATE OF TEST ENGINEER		May 2006 D. Seed		
IS THIS DUCTWORK SYSTEM SATISFACTORY?		Yes		

COSHH TEST

L.E.V.

MACHINE	TEST POINT NO.	DUCT SIZE DIA.	VELOCITY FPM	S. P. KPA	VOLUME FLOW CFM	VELOCITY METERS / SECOND	NOISE LEVEL dBA
Main Duct	1	355	1700	1.42	1800		
3 HD Moulder	2	1 x 150 2 x 125		1.40	1800		
3 HD Moulder	3	355	1700		1800		
Twin Spindle	4	2 x 125 1 x 150		.27 .26	1800		
Twin Spindle	5	355	1700		1800		
	6						
	7						
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SITE LOCATION

Small Machine shop

L. E. V.

PLANT TYPE	2 – Bag Filter
PROCESS	Machine special profiles
HAZARDOUS SUBSTANCE	M.D.F.
SITE CONDITIONS & TEMP	Normal 66°f – 19°c
DESIGNED VOLUMES	1050cfm – 1784mch
IS THIS ACHIEVED	Yes
NO. OF OUTLETS DESIGNED FOR	2
NO. OF OUTLETS IN USE	2
LAST TEST DATE BY WHOM	June 2005 Inventair Ltd
OTHER COMMENTS	None

Housekeeping good!
Shake filter bags with fan off daily.

COSHH TEST

PLANT TYPE AND SPECIFICATION

MAKE OF FILTER		APL 1800	
PRESSURE ACROSS PLANT		N/A	
VOLUME FLOW		1050cfm - 1784mch	
FAN TYPE	ROTATION	PB	4kw Correct
PLANT NOISE LEVELS. INSIDE / OUTSIDE		N/A	
IMPROVEMENTS – REMARKS		None	
TEST EQUIPMENT USED IN EVALUATION		VISUAL THERMAL ANEMOMETER DECIBEL METER (TYPE 3 SURVEY METER) DIGITAL MANOMETER	
DATE OF TEST ENGINEER		May 2006 D. Seed	
IS THIS DUCTWORK SYSTEM SATISFACTORY?		Yes	

This area has had very little use.

COSHH TEST

L.E.V.

MACHINE	TEST POINT NO.	DUCT SIZE DIA.	VELOCITY FPM	S. P. KPA	VOLUME FLOW CFM	VELOCITY METERS / SECOND	NOISE LEVEL dBA
Main Duct	1A	180	4000	1.75	1050		
Spindle	2A	$\frac{125}{160}$	2800	.30	525		
X – Cut Saw	3A	$\frac{2 \times 100}{125}$	4600	.38	660		
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	5						
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REMARKS

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