

19. Do you know that Occupational related diseases such as noise induce hearing loss or cancer contracted while at work are compensable in terms of the Compensation for Occupational Injuries and Diseases Act No. 130 of 1993 (as amended) and that the employer/occupational medical doctor must report the disease by forwarding the WCL1 form to the Provincial Director (Workman's Compensation Fund) within 14 days for your claim to be processed and enjoy the benefits of the fund?

Yes	
No	

SECTION E: Personal Protective Clothing (PPE)

20. What type of PPE do you wear? _____

Helmet	
Ear plugs	
Safety glass	
Respiratory mask	
Protective gloves	
Overall	
Apron	
Safety boots	
Other, specify	

20.1. How often do you wear your PPE?

Always	
Sometimes	
Never	

20.2. How often do you wear dust mask and ear plugs?

Always	
Most of the time	
Sometimes	
Never	

20.3. If never, why don't you utilise the dust mask and ear plugs? _____

They are not available.	
They are uncomfortable.	
I have a difficulty breathing.	
I can't hear signals	
Other reasons, specify	

20.4. Do you wear the following devices when working on dust/noise areas on a daily basis?

No.	Safety device	YES	NO
20.4.1	Respiratory mask		
20.4.2	Ear plugs		
20.4.3	Safety glass		
20.4.4	Protective gloves		
20.4.5	Overalls		
20.4.6	Apron		
20.4.7	Safety boots		
20.4.9	Other, specify		

20.5. Do you have a history of hearing loss?

Yes	
No	

20.6. Do you wear hearing aid(s)?

Yes	
No	

20.7. If yes, to question (20.6) on which ear?

Left ear	
Right ear	
Both ears	

20.8. Have you ever experienced the following health conditions in the past twelve months?

No.	Health condition	YES	NO
20.8.1	Ringing in ears		
20.8.2	Ear infection		
20.8.3	Ruptured eardrum		
20.8.4	Ear injury		
20.8.5	Other, specify		

Thank you for your assistance

Appendix F: Field sheet for wood dust and noise

Company/Facility code: _____ Area/location: _____
 Sample by: _____ Date: _____
 Temperature: _____ Altitude (pressure): _____

Chemical to be monitored: _____ Lab analysis required: _____
 Operation to be monitored/task performed: _____
 Maximum Risk Employee (MRE): _____ Group sampling: _____ HEG: _____

Sampling media type: _____
 Type of tubing used to connect the pump to the sampling head: _____
 Clip-on holder for attaching the filter holder on worker breathing zone: _____
 Belt or any attaches to which the sampling pump was secured: _____
 Cyclone used: _____
 Sample number: _____ Model and pump number: _____
 Employee name or Coy No.: _____ Job title/Designation: _____
 Leak test before and after: _____

Type of sample
 Personal: _____ Breathing zone: _____ Zonal/Area: _____
 Operating conditions: _____

Engineering control
 LEV system: _____ Natural ventilation: _____ Enclosure: _____
 Dust suppression: _____ Automation: _____ Demarcation of noise/respiratory
 zones: _____ Other: _____

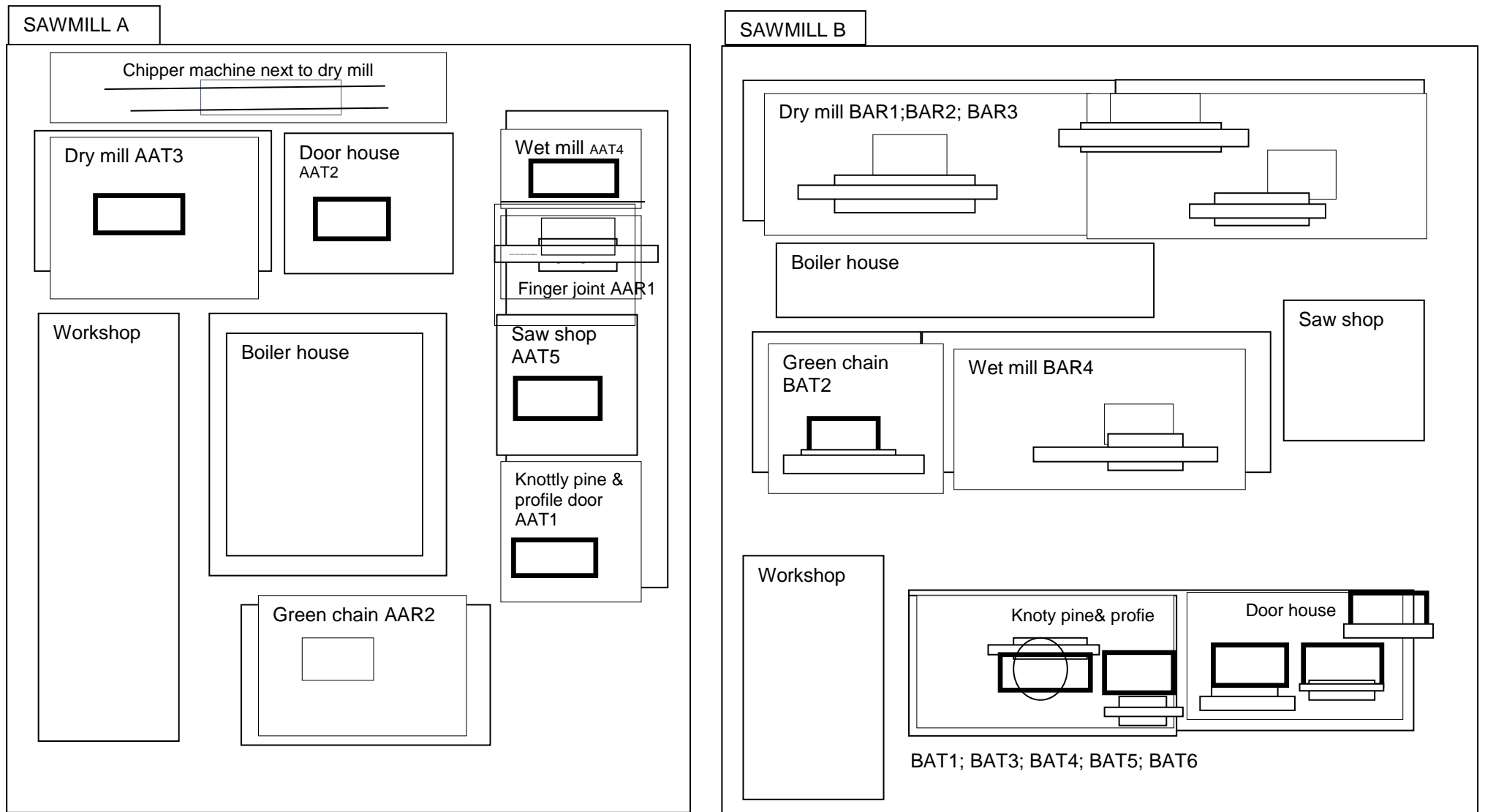
HPD/RPD
 HPD/RPD provided _____ HPD/RPD worn correctly and consistently _____
 HPD/RPD Type _____ Brand _____ Reduction/protection factor _____
 Hearing/respiratory programme in place? _____
 Supplier instructions and information _____

Shift:
 Day _____ Afternoon _____ Night _____ From _____ To _____


Calibration
 Location: _____ by: _____ Date: _____
 Time on: _____ Time off: _____ Total time (min): _____
 Pre-calibration: _____ Post-calibration: _____ Average flow rate (l/m): _____
 Deviation within $\pm 5\%$ (Flow rate after - before \div by flow rate before measurement) x 100: _____
 Volume = flow rate x time \div 1000: _____ m³


Sampling/analytical method used _____
 Evidence of accuracy: _____
 Remarks, possible interference and action taken: _____
 Results of sample analysis or instrument reading: _____
 Employee exposure (average - 8 hours or 15 minutes): _____ sample number: _____

Appendix H: Floor plan of area wood dust results at sawmill A and B



LEGEND

 Area respirable wood dust results below 2.5 action level and 5mg/m³ OEL

 Area total inhalable wood dust results below 2.5 action level and 5mg/m³ OEL

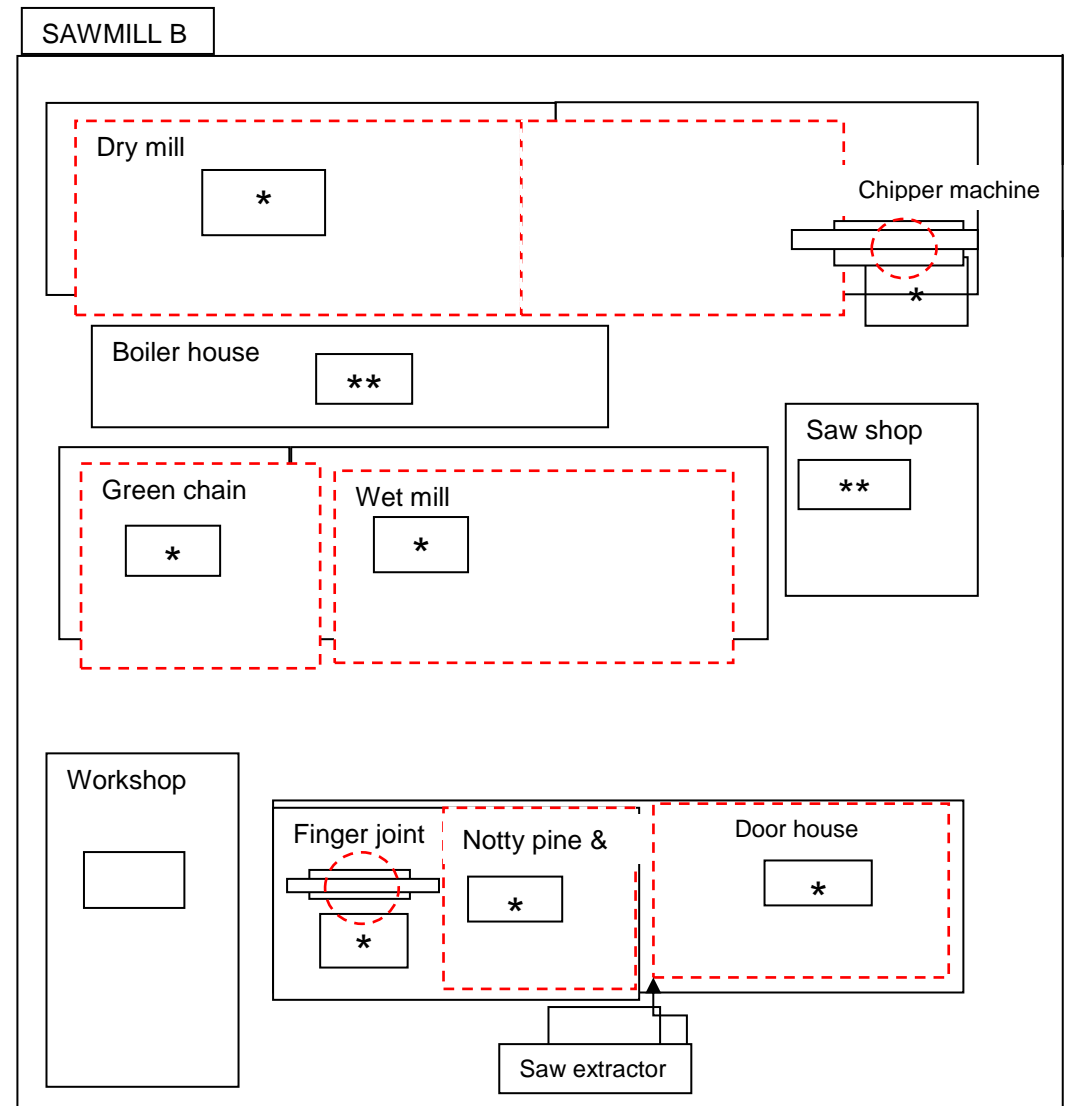
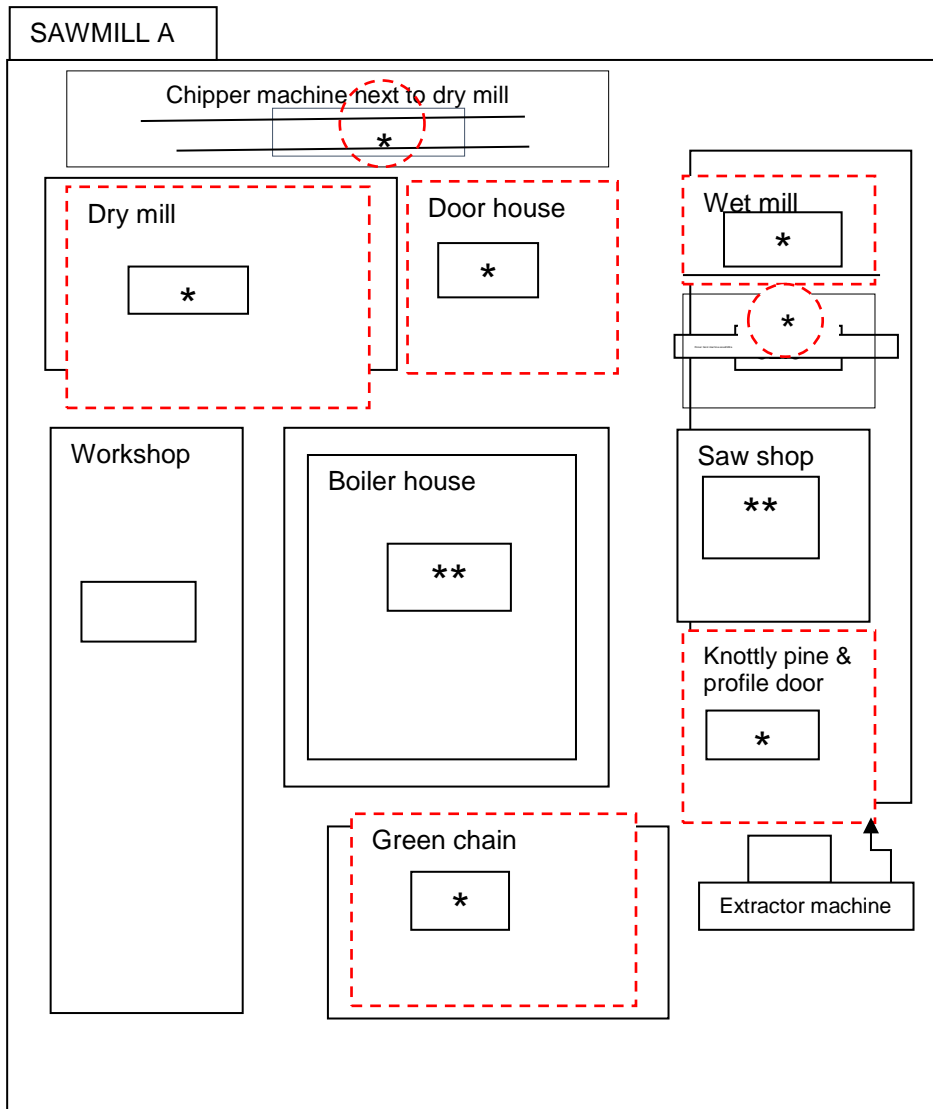
AAR Area respirable wood dust results at sawmill A

AAT Area total inhalable wood dust at sawmill A



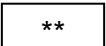

BAR Area respirable wood dust results at sawmill B

BAT Area total inhalable wood dust results at sawmill B

Appendix J: Floor plan of area noise results at sawmill A and B



LEGEND

-  Average noise rating levels ≥ 85 dB(A) demarcated as noise zones
-  Average noise rating levels ≥ 85 dB(A) noise rating limit (NRL)
-  Average noise rating level ≥ 82 dB(A) action level but < 85 dB(A) NRL
-  Noise reading taken 1m away from machinery beyond 85 dB(A) NRL

Appendix K: Letters of request to conduct the study

Joubert St/Merino Trust Building
Ermelo
2350
06 August 2019

The Chief Executive Officer
Maswati Phambile Investments (PTY) LTD
Farm Rinkink
Lothair, 2370
Tell: 017 845 1098/9

Dear Sir/Madam

Request to conduct a research study at Maswati Phambile Sawmill, Lothair

I, Rathipe Moeletsi with student Number: 210015942 hereby requests consent to conduct a research study at Maswati Phambile located at Farm Rinkink, Lothair, Mpumalanga

The title of the study is **evaluation of occupational exposure to wood dust and noise among sawmill workers in Gert Sibande District Municipality**

The study is purely an academic exercise and it forms part of my research work towards the award of a Masters of Health Science Degree. In this study, wood dust and noise exposure will be assessed in different departments (log yard to final distribution) in the mill utilising instruments. Workers will be required to complete a questionnaire to gather information on the knowledge of exposure to wood dust and noise in the mill.

The name(s) of the companies and participants involved in the study will not be included in the research report. The statistical results obtained will be used for writing the manuscripts and the dissertation. Thank you very much for your time and consideration, for any information regarding the project, you can contact me at (073) 738 3694 or alternatively on this email: moeletsi.rathipe@labour.gov.za.

I trust that you will consider the above request favourably.

Yours Faithfully



Rathipe Moeletsi
OHS Inspector
Department of Labour: Ermelo
Cell: 073 738 3694 Tel: 017 819 7632
e-mail: moeletsi.rathipe@labour.gov.za

Kindly indicate your approval by marking the appropriate box below and acknowledge receipt

APPROVED


Signature of CEO/Manager

NOT APPROVED

8/8/2019
Date

Appendix L: Letters of request to conduct the study

Joubert St/Merino Trust Building
Ermelo
2350
16 July 2019

The Chief Executive Officer
York Timbers (Pty) Ltd
Jessievale, N17 Oshoek Road, Ermelo, 2351
Tell: +27 17 845 1337

Dear Sir/Madam

Request to conduct a research study at York Timbers (Pty) Ltd Sawmill

I, Rathipe Moeletsi with student Number: 210015942 hereby requests consent to conduct a research study at York Timbers (Pty) Ltd Sawmill located at Jessievale, N17 Oshoek Road, Ermelo, 2351

The title of the study is **evaluation of occupational exposure to wood dust and noise among sawmill workers in Gert Sibande District Municipality**

The study is purely an academic exercise and it forms part of my research work towards the award of a Masters of Health Science Degree. In this study, wood dust and noise exposure will be assessed in different departments (log yard to final distribution) in the mill utilising instruments. Workers will be required to complete a questionnaire to gather information on the knowledge of exposure to wood dust and noise in the mill.

The name(s) of the companies and participants involved in the study will not be included in the research report. The statistical results obtained will be used for writing the manuscripts and the dissertation. Thank you very much for your time and consideration, for any information regarding the project, you can contact me at (073) 738 3694 or alternatively on this email: moeletsi.rathipe@labour.gov.za.

I trust that you will consider the above request favourably.

Yours Faithfully



Rathipe Moeletsi
OHS Inspector
Department of Labour, Ermelo
Cell: 073 738 3694 Tel: 017 819 7632
e-mail: moeletsi.rathipe@labour.gov.za

Kindly indicate your approval by marking the appropriate box below and acknowledge receipt

APPROVED

NOT APPROVED

.....

Signature of CEO/Manager

.....

Date