

SITE SURVEY REPORT

Occupational Noise Monitoring Record

Prepared for	Northbrook Joinery Ltd
Date	17 Sep 2026
Site	Northbrook Joinery, Darlington
Prepared by	M. Thornton

FORM

Occupational Noise Monitoring Record

1. Record details and scope

Project	Northbrook Joinery, Darlington: workshop noise monitoring
Site or premises address	Unit 2, Quarry Road Industrial Estate, Darlington DL1
Client or organisation	Northbrook Joinery Ltd
Record date	17 Sep 2026
Person completing the record	M. Thornton

This records workplace noise measurements. It is not an environmental noise complaint report, audiometry record or automatic daily exposure calculation.

HSE guidance requires representative evidence for occupational noise exposure assessment. Record the measurement method, task duration and uncertainty so a competent assessor can interpret the readings.

2. Measurement plan

Survey purpose and covered tasks	Measure noise in the machine shop to inform the noise risk assessment. Tasks: panel saw, planer-thicknesser and assembly.
Competent surveyor	M. Thornton, occupational hygienist, competence record HYG-07
Method and applicable guidance reference	Task-based measurements to client procedure NM-01 rev 2, with reference to HSE guidance L108
Meter, microphone and calibrator IDs	Sound level meter SLM-03, microphone MIC-03, acoustic calibrator AC-02
Calibration records and pre/post field checks	SLM-03 and MIC-03 lab certificate CAL-SLM-0326, AC-02 certificate CAL-AC-0326. Field check 94.0 dB before and 94.1 dB after.

3. Measurement runs

Measurement run 1: Machine shop, panel saw, saw operator

Location, task and anonymised role	Machine shop, panel saw, saw operator
Start, finish and representative task duration	09:05 to 09:20, task about 3 hours per shift
Measurement metric, weighting and settings	LAeq and LCpeak, fast response
Reading and units	LAeq 91 dB, LCpeak 118 dB

Operating conditions, events and exclusions	Cutting 18 mm MDF, extraction running. Microphone about 0.1 m from the operator's ear.
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Raw data file reference	NM-NBJ-0917-01.csv
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Measurement run 2: Machine shop, planer-thicknesser, machinist

Location, task and anonymised role	Machine shop, planer-thicknesser, machinist
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Start, finish and representative task duration	09:40 to 09:55, task about 1.5 hours per shift
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Measurement metric, weighting and settings	LAeq and LCpeak, fast response
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Reading and units	LAeq 96 dB, LCpeak 122 dB
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Operating conditions, events and exclusions	Planing oak boards. A 2 minute pause for a jam was excluded from the run.
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Raw data file reference	NM-NBJ-0917-02.csv
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Measurement run 3: Assembly bench, assembler

Location, task and anonymised role	Assembly bench, assembler
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Start, finish and representative task duration	10:20 to 10:50, task about 5 hours per shift
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Measurement metric, weighting and settings	LAeq and LCpeak, fast response
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Reading and units	LAeq 78 dB, LCpeak 104 dB
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Operating conditions, events and exclusions	Intermittent nail gun use. Noise from the panel saw bay next door included.
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Raw data file reference	NM-NBJ-0917-03.csv
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4. Interpretation and handover

Uncertainty and representativeness limitations	Short samples taken on one morning. Workload changes with orders. Task durations are the supervisor's estimates and need confirming before the exposure calculation.
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Separate exposure calculation and risk assessment reference	Daily exposure calculation NE-NBJ-0917 and noise risk assessment RA-NBJ-12, both held separately
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Immediate concerns and person informed	Planer machinist was not wearing hearing protection during the run. Workshop supervisor P. Lund told at 09:58.
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Technical reviewer	K. Osei, senior hygienist
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5. Actions and review

Are further actions required? Yes

Further action 1: Put up hearing protection signs at the panel saw and planer and brief the shop.

Action and evidence reference	Put up hearing protection signs at the panel saw and planer and brief the shop.
Person responsible	P. Lund
Target date	24 Sep 2026
Action status	Completed
Completion evidence	Signs fitted and toolbox talk held 19 September, attendance sheet TBT-0919.

Further action 2: Confirm actual task durations per shift for the exposure calculation.

Action and evidence reference	Confirm actual task durations per shift for the exposure calculation.
Person responsible	P. Lund
Target date	8 Oct 2026
Action status	Open
Outstanding limitations and information to pass on	Exposure calculation waits on confirmed task durations. Spindle moulder not running on the day, not measured.
Record status	Ready for review
Reviewed by	K. Osei
Review date	21 Sep 2026

Author signature

M. Thornton

Signing records the information entered. It does not itself certify legal compliance, remove a limitation or authorise unsafe work.