



Construction Noise Exposure Assessment Checklist

Identify Hazards, Protect Your Crew, Stay Compliant

COMPANY: _____ DATE: ____ / ____ / ____ COMPLETED BY: _____

JOB SITE/LOCATION: _____ TOTAL WORKERS ON SITE: _____

SECTION 1: EQUIPMENT & NOISE RESOURCES (CHECK ALL THAT APPLY)

HIGH-RISK EQUIPMENT IN USE (90+ dBA)

- ☐ Jackhammers, pneumatic breakers (95-110 dBA)
- ☐ Concrete saws, cut-off saws (90-102 dBA)
- ☐ Chainsaws (100-110 dBA)
- ☐ Impact wrenches, air guns (95-105 dBA)
- ☐ Nail guns (97-106 dBA)
- ☐ Demolition equipment (95-110 dBA)
- ☐ Grinders, sanders (85-95 dBA)
- ☐ Generators (85-95 dBA)

MODERATE-RISK EQUIPMENT IN USE (85-89 dBA)

- ☐ Power drills, rotary hammers
- ☐ Circular saws, table saws
- ☐ Compressors
- ☐ Bulldozers, backhoes, loaders (93-96 dBA)
- ☐ Dump trucks, haul trucks
- ☐ Concrete mixers, pumps

WORK ENVIRONMENT FACTORS

- ☐ Enclosed or confined spaces (noise amplification)
- ☐ Multiple loud machines running simultaneously

- ☐ Metal work areas (increased reverberation)
- ☐ Demolition or heavy construction zones
- ☐ Highway/roadway work (traffic noise)

IF YOU CHECKED 3+ BOXES IN THIS SECTION, YOU HAVE SIGNIFICANT NOISE EXPOSURE.

SECTION 2: WORKER EXPOSURE (CHECK ALL THAT APPLY)

WHICH WORKERS ARE EXPOSED DAILY?

- ☐ Heavy equipment operators
- ☐ Carpenters, framers
- ☐ Concrete finishers
- ☐ Welders, fabricators
- ☐ Electricians
- ☐ Plumbers, pipe fitters
- ☐ Roofers
- ☐ HVAC installers
- ☐ Demolition crews
- ☐ Laborers, general construction
- ☐ Foremen, supervisors on site

NUMBER OF WORKERS EXPOSED TO 85+ dBA FOR 4+ HOURS DAILY: _____



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SHIFT DURATION & EXPOSURE

- ☐ Workers typically on site 8+ hours per day
- ☐ Workers typically on site 10+ hours per day
- ☐ Workers operate loud equipment 4+ hours per shift
- ☐ Workers operate loud equipment 6+ hours per shift
- ☐ Multiple shifts run daily (extended site noise hours)

IF WORKERS ARE EXPOSED 8+ HOURS TO 85+ DBA, IMMEDIATE ACTION REQUIRED.

SECTION 3: CURRENT PROTECTION MEASURES (CHECK ALL THAT APPLY)

HEARING PROTECTION AVAILABILITY

- ☐ Disposable foam earplugs available on site
- ☐ Reusable earplugs available
- ☐ Earmuffs/hearing muffs available
- ☐ Multiple types/sizes available for proper fit
- ☐ Protection provided at no cost to workers
- ☐ Protection easily accessible at all work areas
- ☐ Damaged/worn protection replaced promptly

PROTECTION USAGE & COMPLIANCE

- ☐ Workers consistently wear protection in high-noise areas
- ☐ Supervisors actively enforce hearing protection use
- ☐ New workers trained on proper insertion/use
- ☐ Workers know when protection is required
- ☐ Leadership visibly wears protection

- ☐ Consequences exist for non-compliance

IF YOU CHECKED FEWER THAN 4 BOXES IN "PROTECTION AVAILABILITY" = HIGH RISK

IF YOU CHECKED FEWER THAN 3 BOXES IN "USAGE & COMPLIANCE" = CRITICAL RISK

SECTION 4: NOISE MONITORING & ASSESSMENT

HAVE YOU MEASURED NOISE LEVELS?

- ☐ Yes, noise monitoring conducted in last 12 months
- ☐ Yes, but monitoring is outdated (12+ months ago)
- ☐ No, never conducted noise monitoring
- ☐ Don't know/unsure

IF YES, WHAT DID YOU MEASURE?

- ☐ Area noise levels (fixed locations)
- ☐ Personal dosimetry (workers who move around)
- ☐ Equipment-specific measurements
- ☐ Peak/impulse noise measurements

DO YOU HAVE DOCUMENTATION?

- ☐ Written noise monitoring report on file
- ☐ Equipment noise level chart posted
- ☐ High-noise areas clearly marked/posted
- ☐ Employees notified of their exposure levels
- ☐ Records maintained and accessible

IF YOU ANSWERED "NO" OR "DON'T KNOW" TO NOISE MONITORING = IMMEDIATE ACTION REQUIRED.



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SECTION 5: AUDIOMETRIC TESTING (HEARING TESTS)

BASILINE TESTING

- ☐ Baseline hearing tests conducted for all noise-exposed workers
- ☐ Tests conducted within 6 months of first exposure
- ☐ Tests performed by certified/licensed professional
- ☐ Baseline results provided to employees

ANNUAL TESTING

- ☐ Annual hearing tests conducted for noise-exposed workers
- ☐ Workers receive results within 21 days of testing
- ☐ Standard threshold shifts (hearing loss) are identified and followed up
- ☐ Workers showing hearing loss are re-trained on protection

TESTING RECORDS

- ☐ Audiometric test records maintained for each worker
- ☐ Records kept for duration of employment + 30 years
- ☐ Workers can access their test results

CRITICAL: CONSTRUCTION IS NOT REQUIRED TO DO AUDIOMETRIC TESTING BY OSHA, BUT YOU NEED IT FOR:

- EARLY DETECTION OF HEARING LOSS
- WORKERS' COMP CLAIM DEFENSE
- DEMONSTRATING DUTY OF CARE

IF NO AUDIOMETRIC TESTING PROGRAM EXISTS = HIGH VULNERABILITY

SECTION 6: TRAINING & AWARENESS (CHECK ALL THAT APPLY)

INITIAL TRAINING PROVIDED

- ☐ New workers trained on hearing conservation during orientation
- ☐ Training covers effects of noise on hearing
- ☐ Training covers proper use of hearing protection
- ☐ Training explains purpose of audiometric testing
- ☐ Training includes equipment noise levels

ONGOING TRAINING

- ☐ Annual refresher training for all exposed workers
- ☐ Supervisors trained to recognize non-compliance
- ☐ Supervisors trained on enforcement procedures
- ☐ Training documented with attendance records
- ☐ Workers can explain why hearing protection matters

COMMUNICATION & SIGNAGE

- ☐ High-noise areas clearly marked with signage
- ☐ "Hearing Protection Required" signs posted
- ☐ Equipment noise levels labeled or posted
- ☐ Workers know where to get replacement protection
- ☐ Toolbox talks periodically address hearing conservation

IF YOU CHECKED FEWER THAN 3 BOXES IN "INITIAL TRAINING" = COMPLIANCE GAP

IF YOU CHECKED FEWER THAN 2 BOXES IN "ONGOING TRAINING" = CRITICAL GAP



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SECTION 7: PROGRAM MANAGEMENT

POLICY & DOCUMENTATION

- ☐ Written hearing conservation policy exists
- ☐ Policy clearly states when protection is required (85+ dBA)
- ☐ Policy reviewed and updated within last 2 years
- ☐ All workers have acknowledged the policy in writing

PROGRAM ADMINISTRATION

- ☐ Designated person responsible for hearing conservation program
- ☐ Budget allocated for hearing protection and testing
- ☐ Vendor/provider identified for audiometric testing
- ☐ Program effectiveness reviewed annually
- ☐ Engineering/administrative controls considered (not just PPE)

RECORDKEEPING

- ☐ Noise exposure records maintained
- ☐ Audiometric test records maintained
- ☐ Training records maintained
- ☐ Hearing protection issuance tracked
- ☐ All records organized and accessible

IF NO DESIGNATED PERSON RESPONSIBLE = PROGRAM WILL FAIL

IF NO WRITTEN POLICY = NON-COMPLIANT



Construction Noise Exposure Assessment Results

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ASSESSMENT RESULTS

COUNT YOUR CHECKS:

- Section 1 (Equipment/Sources): _____ checks
- Section 2 (Worker Exposure): _____ checks
- Section 3 (Protection Measures): _____ out of 13
- Section 4 (Noise Monitoring): _____ out of 9
- Section 5 (Audiometric Testing): _____ out of 11
- Section 6 (Training & Awareness): _____ out of 15
- Section 7 (Program Management): _____ out of 13

YOUR RISK LEVEL

● CRITICAL RISK (If ANY of these are true):

- No noise monitoring ever conducted
- No written hearing conservation policy
- Fewer than 4 boxes checked in Section 3 "Protection Availability"
- Fewer than 3 boxes checked in Section 3 "Usage & Compliance"
- No designated person responsible for program
- 10+ workers exposed daily without baseline hearing tests

IMMEDIATE ACTIONS REQUIRED:

1. Conduct noise monitoring within 7 days
2. Provide hearing protection to all exposed workers immediately

3. Assign program responsibility today
4. Schedule baseline audiometric testing within 30 days
5. Contact occupational health provider for compliance support

● HIGH RISK (If ANY of these are true):

- Noise monitoring is outdated (12+ months old)
- No audiometric testing program in place
- Fewer than 3 boxes checked in Section 6 "Initial Training"
- Fewer than 2 boxes checked in Section 6 "Ongoing Training"
- Workers don't consistently wear protection
- No documentation of noise exposure levels

PRIORITY ACTIONS (Within 30 Days):

1. Update noise monitoring
2. Establish baseline audiometric testing for exposed workers
3. Develop and implement comprehensive training program
4. Create documentation system for all program elements
5. Increase enforcement of hearing protection use



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MODERATE RISK (If most of these are true):

- Section 3 (Protection Measures): 5-9 boxes checked
- Section 4 (Noise Monitoring): 5-7 boxes checked
- Section 5 (Audiometric Testing): 5-8 boxes checked
- Section 6 (Training): 8-12 boxes checked
- Section 7 (Program Management): 7-10 boxes checked
- Maintain training schedule
- Monitor for new equipment/hazards

IMPROVEMENT ACTIONS (Within 60-90 Days):

1. Fill gaps in protection availability and compliance
2. Improve training documentation and frequency
3. Enhance recordkeeping systems
4. Review and update written policy
5. Conduct program effectiveness evaluation

LOW RISK (If most of these are true):

- Section 3: 10+ boxes checked
- Section 4: 8+ boxes checked
- Section 5: 9+ boxes checked
- Section 6: 13+ boxes checked
- Section 7: 11+ boxes checked

MAINTENANCE ACTIONS:

- Continue current practices
- Conduct annual program review
- Update noise monitoring annually

PRIORITY ACTION PLAN:

Based on your assessment, list your TOP 5 PRIORITY ACTIONS:

1. _____

(Target Date: ____/____/____)

Assigned to: _____

2. _____

(Target Date: ____/____/____)

Assigned to: _____

3. _____

(Target Date: ____/____/____)

Assigned to: _____

4. _____

(Target Date: ____/____/____)

Assigned to: _____

5. _____

(Target Date: ____/____/____)

Assigned to: _____



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SPECIFIC WORKERS WHO NEED IMMEDIATE ATTENTION

Workers who need baseline hearing tests:

Name/Position	Years Exposed	Daily Exposure Hours	Test Scheduled?

EQUIPMENT REQUIRING NOISE MEASUREMENT

List equipment where noise levels are unknown:

Equipment	Location	Approx. Hours/Day Used	Priority (H/M/L)



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ESTIMATED COSTS TO CLOSE GAPS

Budget planning worksheet:

Item	Estimated Cost	Priority	Timeline
Noise monitoring assessment	\$		
Baseline audiometric testing (___ workers × \$75)	\$		
Annual audiometric testing (___ workers × \$60)	\$		
Hearing protection (variety pack)	\$		
Training materials/program	\$		
Signage and posting	\$		
Program development/consulting	\$		
TOTAL ESTIMATED INVESTMENT:	\$		

Estimated Workers' Comp Exposure (if you do nothing):

Average claim:

\$5,000 - \$30,000 × _____ exposed workers = \$_____ potential liability



WHEN TO USE OCC:

- All injuries or illnesses, non-life threatening
- OSHA record ability questions
- Return to work evaluations