



Noise Assessments

Reviewed by:
Operations & HSS

Last Review:
May 2022

Regulations

NOISE AT WORK REGULATIONS

WARNING

Excessive Levels of Noise will Damage your Hearing

Once this Damage occurs there is no cure. Hearing aids do not correct this damage

Prevention is only the answer

It has been established that exposure to noise levels above 85 Decibels over long periods of time could have an adverse affect on your hearing.

Noise levels on a typical construction site will always exceed this level.

To avoid the risk of hearing damage you should:

- a) Avoid if possible working in areas of high noise or near noisy plant and machinery.
- b) Wear ear defenders or ear plugs when working in areas of high noise levels.

Ear defenders or ear plugs are available for your use through your supervisor. If you require this type of personal protective equipment, ask your supervisor for it.

Noise levels over 85 Decibels WILL damage your hearing unless you wear hearing protection.



Plant, equipment or areas of the site where this is displayed have been assessed as Hearing Protection Zone and Ear Protection must be worn when using or working near the equipment or working within the designated area. Further details of Noise Emissions, specific assessments and effectiveness of hearing protection are available from the site office.

Or your supervisor will inform you of the need to wear hearing protection.

Remember hearing protection must be worn where you see this sign or when instructed by your supervisor.

At other times Hearing Protection is available for your use on request.

IT IS YOUR HEARING LOOK AFTER IT

Guidance – Employer / Employee Requirements

EMPLOYERS DUTIES

No Action Value is Exceeded:

- Reduce the risk of hearing damage so far as reasonably practicable.

Lower Exposure Action Value is Exceeded:

- Reduce the risk of hearing damage so far as reasonably practicable
- Inform, instruct and train employees on the risks to hearing, what they can do to reduce exposure and how to get ear protection if they require it
- Provide ear defenders to those who ask and maintain or repair
- Provide information, instruct and train on use and maintenance of equipment.

Upper Exposure Action Value is Exceeded:

- Reduce the risk of hearing damage so far as reasonably practicable (other than PPE)
- Reduce exposure to noise so far as reasonably practicable (other than PPE)
- Inform, instruct and train employees on the risks to hearing and their obligations
- Set up Ear Protection Zones (EPZ) if practicable
- Provide ear defenders to all exposed
- Ensure ear protection is worn at all times so far as reasonably practicable
- Maintain ear protection
- Ensure all who enter EPZ wear ear protection so far as reasonably practicable
- Ensure that all control measures are used and maintained.

EMPLOYEES DUTIES:

Below Lower Exposure Action Level:

- Use any control measures provided

Upper Exposure Action Value is Exceeded

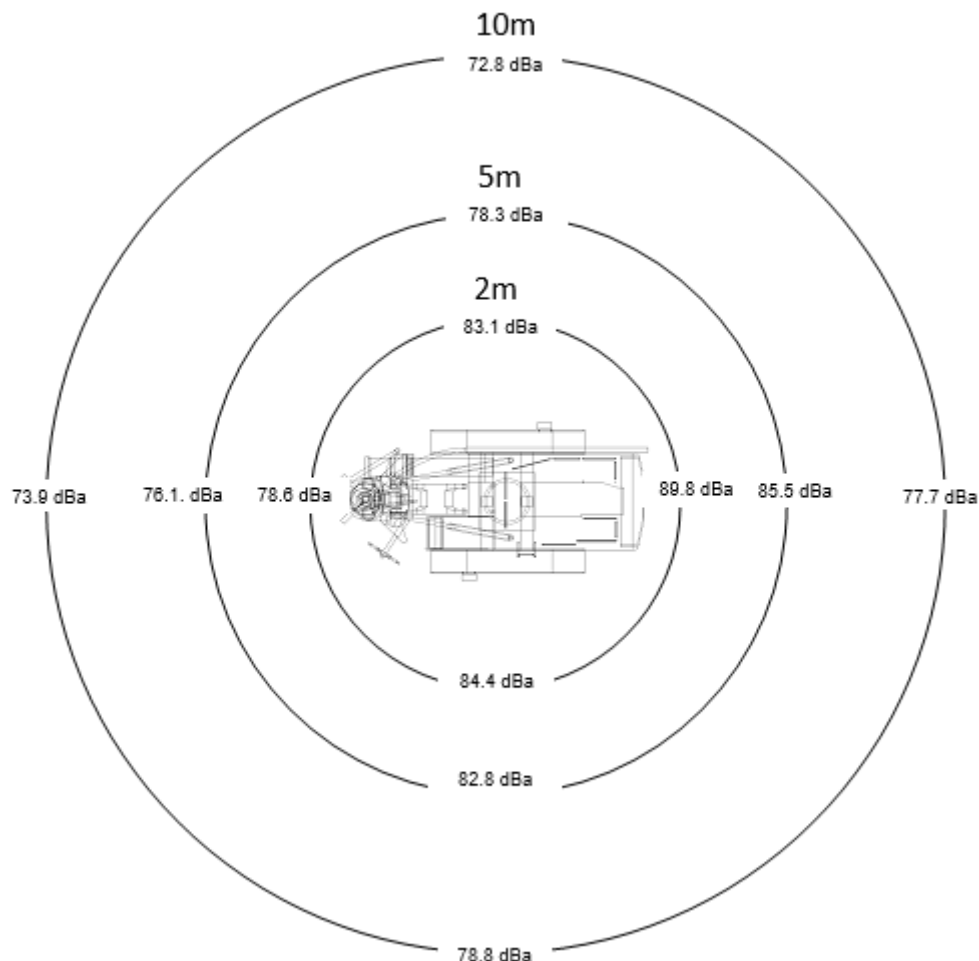
- Use any control measure provided (other than PPE)
- Wear PPE in accordance with training
- Report defects in control systems.

Plant Assessed

- **R&A Soilmec SR45**

Project	Soilmec SR45 Piling rig (CFA) P51 P52	Date of Review:	10/03/22
Name of Contractor	Rock & Alluvium		
Details of Work Activity	Piling SR45 Piling rig (CFA)		
List Operatives Involved:	Persons working within a 10m radius of the SR45 Piling rig (CFA)		
Sound Level Equipment Used:	Digital Sound Level Meter (IECC651 type 2 ANSI S1.4 type 2)		

Noise Source - (List of Tools)	Recent Noise Level During Activity (dB(A))	Manufacturer's Magnitude Rating (dB(A))	Ready Reckoner results	
			Daily Exposure Levels (Time)	Peak Action Level (Time)
Piling SR45 Piling rig (CFA)	As shown	114 dBa	1000	95.0



Guidance: CHSM C3 for HSE calculations (ready reckoner) and for duties of employers see below. Where further advice is needed please contact your HS&S Advisor.

Serial	Check	Yes / No	Consideration, Actions and closure
1	Are the Noise Level of equipment identified sufficiently Have the noise levels which are being emitted from the equipment been sufficiently identified?	Yes	Noise levels may vary considering on operations and site conditions.
2	Is the sound level greater than 85dB(A)	Yes	
3	If No, are the sound levels above 80 dB(A)	na	
4	Are adjacent workers exposed to above 85 dB(A)	Yes	Principal Contractor to segregate
5	Has Maximum Exposure Time been calculated	Yes	8h
6	Task conducted within the Maximum Exposure Time	Yes	
7	RAMS review, include: - Noise Risk Assessment - Information, instruction and supervision - Record of training / safe use of equipment - Details of controls / monitoring - Monitoring of noise levels – records - Health surveillance if appropriate - Details of appropriate exposure times /controls - Details of PPE provided - Any zone protection to others	Yes	

Further Comments / Actions.

Risk assessment 21: Noise

Reviewed by:

Date:	10/03/22	Name:	William Longhurst	Signature:	
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