

**Annex 11 Check List about Noise**

The site address: \_\_\_\_\_

Occupational safety and health review conducted by: \_\_\_\_\_

Occupational safety and health review date: \_\_\_\_\_

The table below is filled out in connection with security review on noise

<b>Safety And Health Topic</b> See Handbook on OSH in construction	<b>Confirmed</b> YES/NO	<b>If not, please describe where and what the problems are</b>	<b>Describe the solution to the problem</b>	<b>Responsible person and date of solution</b>
<b>Limit values, rules, etc.</b> <ul style="list-style-type: none"> <li>• noise does not exceed 85 dB (A) measured as an average over a working day of 8 hours.</li> <li>• Unnecessary noise is avoided even if the limit is not exceeded.</li> <li>• In order to be able to compare with the limit value the measurement of the noise level has be increased by 5 dB (A) because there are powerful impulses in the noise (e.g. from a striking tool). Violent impulses are impulses with a peak value of 115 dB (C) occurring at least once per minute.</li> <li>• No one is subjected to peak values exceeding 137 dB (C). If the peak value is exceeding 130-149 dB (C) your hearing can be harmed by few and short-lived exposures.</li> </ul>				
<b>Prevention</b> <p>Noise is reduced by technical measures. E.g., by</p> <ol style="list-style-type: none"> <li>1) turning off equipment that is not used</li> <li>2) Attenuation using sound-absorbing materials in driver's cabs or for encapsulation of noisy machinery such as compressors.</li> <li>3) the use of less noisy methods e.g. blasting instead of chopping with chipping hammers.</li> <li>4) choice of tools that makes at least noise as possible.</li> </ol> <ul style="list-style-type: none"> <li>• Limiting the exposure by reducing the working time, e.g. by having more people doing the work?</li> <li>• Work is planned in such a way that other craftsmen are not unnecessarily exposed to noise.</li> <li>• Low-noise machines are purchased. The supplier must provide information about the engine noise if the noise level on location is higher than 70 dB (A). See also the instructions for possible noise reduction during use.</li> <li>• Earmuffs are available when the noise level is above 80 dB (A).</li> <li>• Hearing protection is applied when the noise level exceeds 85dB (A).</li> </ul>				