



Risk Assessment

IMS Form048
Issue 01 Dated Oct 2020

Operation / Task:	Exposure to Noise	Name of Assessor:	Rhys Milton
Assessment Ref:	RA013	Date of Assessment:	02.01.2024
Persons at Risk:	ASW Employees	Reviewed by	R. Milton
Location / Area:	ASW Health and Safety Assessment 2024	Review date	31.12.2024

Ref	Activity	Hazard	Risk	Pre-Control Risk Rating			Control Measures	Post-Control Risk Rating			Comment
				L	S	LxS		L	S	LxS	
1	Exposure to Excessive Noise	Exposure to Excessive Noise Below the first action level (80 dBA L_{EP,d}) (Peak 135dBA) Between the first and second action levels (80 – 85 dBA L_{EP,d}) Above the second action level (85 dBA L_{EP,d}) (Peak 137dBA) Above the limit value (87 dBA L_{EP,d}) (Peak 140 dBA)	Hearing loss Tinnitus (ringing, whistling, buzzing or humming in the ears) Temporary reduction in hearing sensitivity Inability to hear hazards (e.g. vehicles), alarms (warnings) or spoken instruction due to background noise.	3	5	15	Try to eliminate or reduce the noise where possible (shield/close door/enclose). All personnel should have access to appropriate PPE to protect hearing (i.e. ear defenders or ear plugs). Personnel must take care of their Hearing Protection and ensure appropriate storage, use, maintenance and handling. Make sure the protectors are compatible when worn with other protective equipment (e.g. hard hats, dust masks and eye protection). Target the use of protectors to the noisy tasks and jobs in a working day. For an accurate measure on noise levels, use the HSE Noise calculator: http://www.hse.gov.uk/noise/calculator.htm If noise exposure is between the first and second exposure action values provide personnel with hearing protectors if requested. If noise exposure exceeds the second exposure action values provide personnel with hearing protectors and ensure their proper use (if have to raise voice to be heard). Identify hearing protection zones, i.e. areas where the use of hearing protection is compulsory, and mark them with suitable signage. Personnel must wear PPE if they are performing a noisy task or working near a noisy activity. Examples where noise levels may require use of ear defenders/ear plugs: You have to raise your voice to carry out a normal conversation when about 2m apart You or a colleague nearby use noisy powered tools or machinery for more than half an hour each day There are noises due to impacts (such as hammering, drop forging, pneumatic impact tools etc). If in doubt, wear your hearing protection.	1	5	5	

<u>Likelihood</u>	<u>Severity</u>	<u>Risk factor</u> (Likelihood x Severity)
1 = Highly unlikely	1 = Insignificant	High Risk = 15-25 Unacceptable Risk. If Post Control risk, work must not commence.

