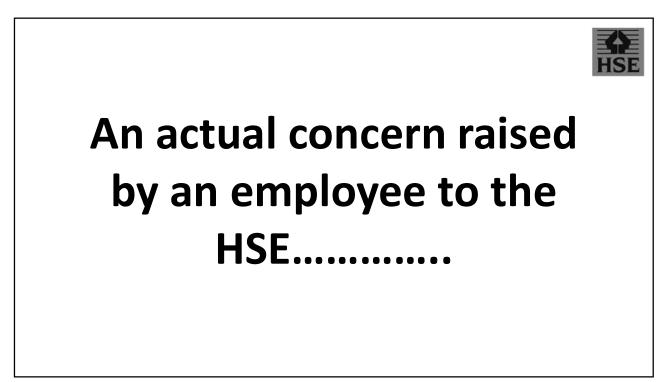






Have you ever described a workplace health issue as a near miss?



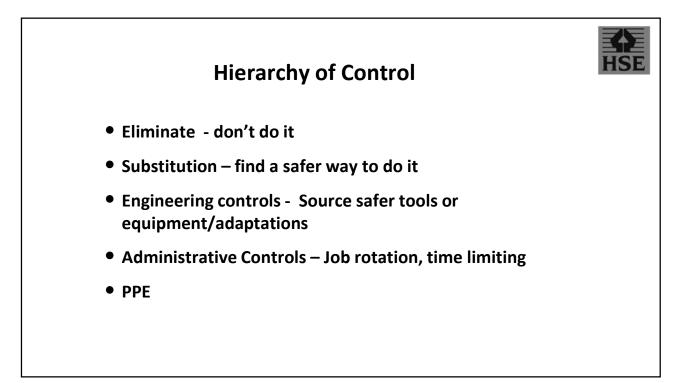
"I am working on a project where I have to fix brackets to a floor slab and there are thousands of holes to be drilled".

"I have calculated 468 holes will take 39 mins drill time which will put my exposure at 398 points (limit value)".

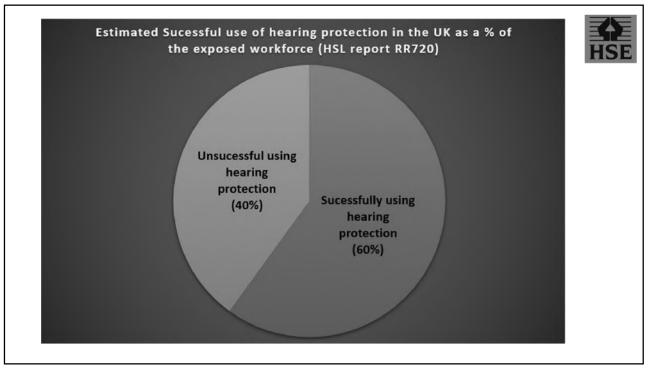


How are you going to deal with it?

Why did this happen?

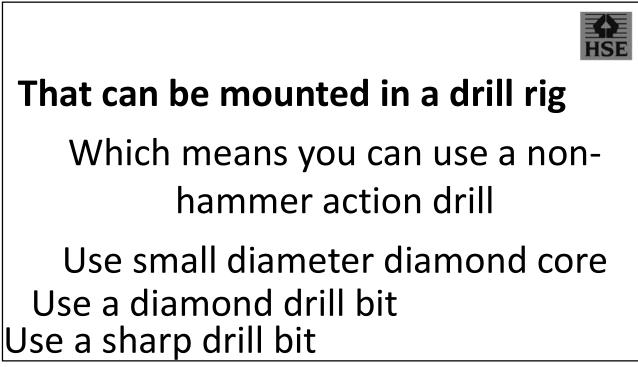


No PPE for Hand-arm vibration





You send everyone home after they have spent 39 minutes drilling holes?



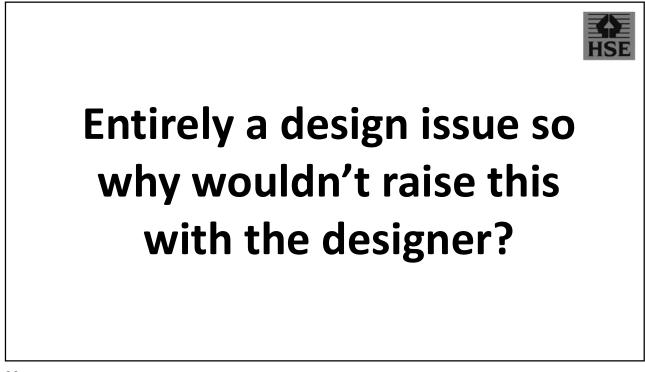


Sometimes using tools with a higher vibration magnitude can be suitable if the duration is significantly shorter



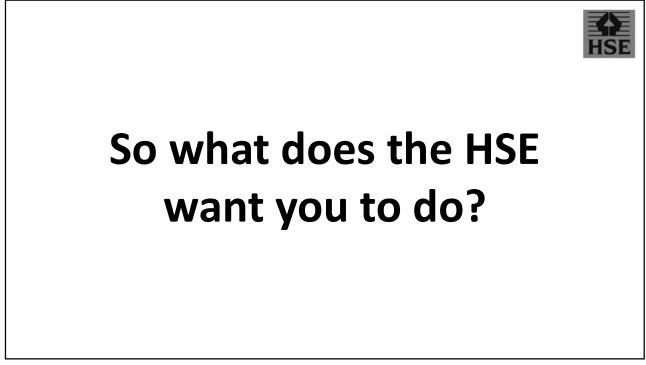


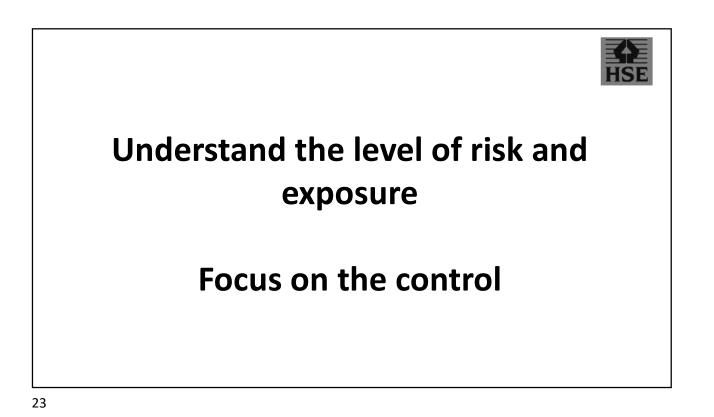


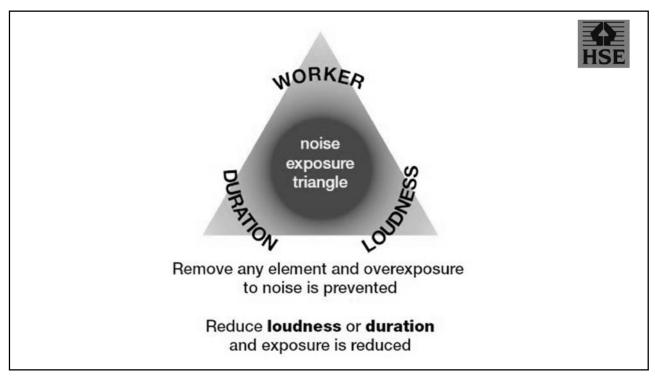


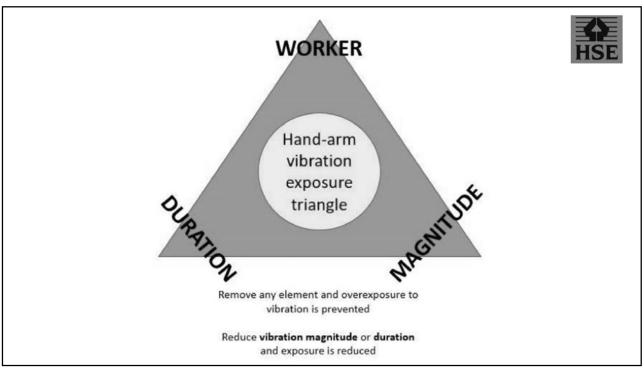


If we leave noise and vibration issue until we get to site we limit our options on control?

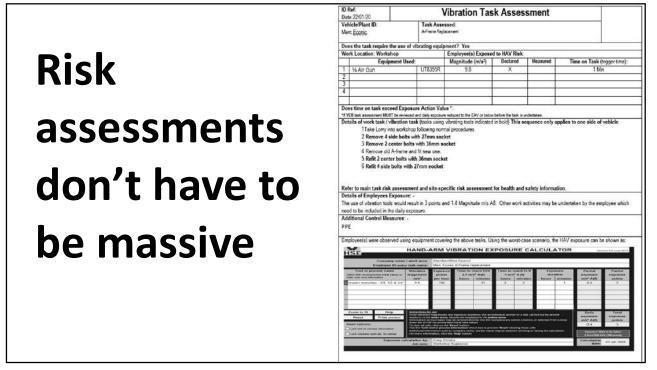


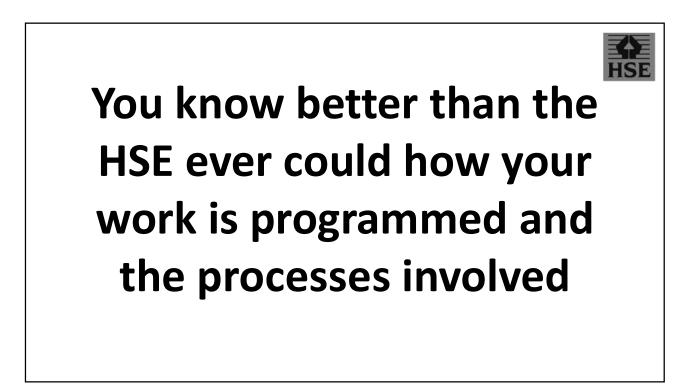






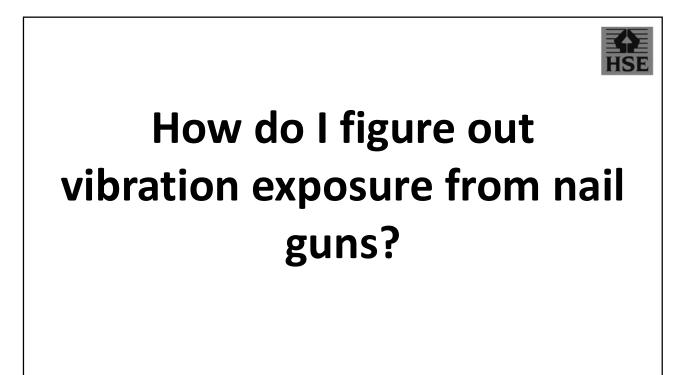
Eliminate, Substit	IIT (Reg 8)		
Tool Purchasing Policy	Maintenance	Job Rotation	Health surveillance (Reg 7) Risk Assessment (Reg 5) Measure/monitor

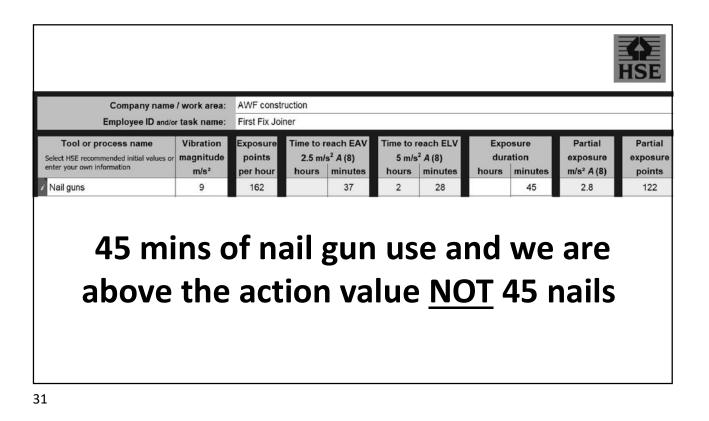


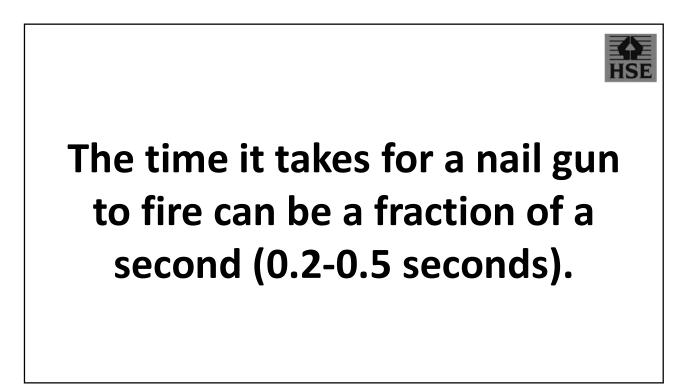


Timber kit construction as an example

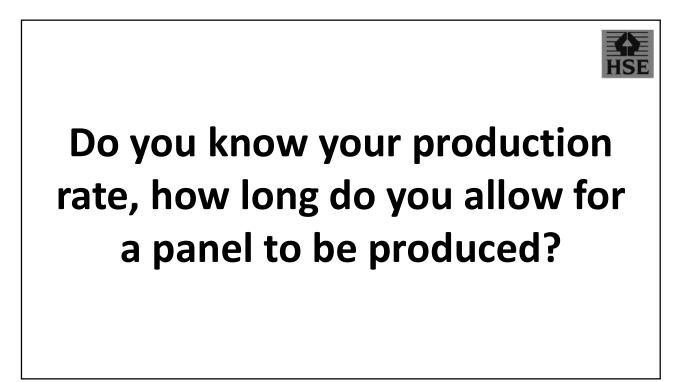




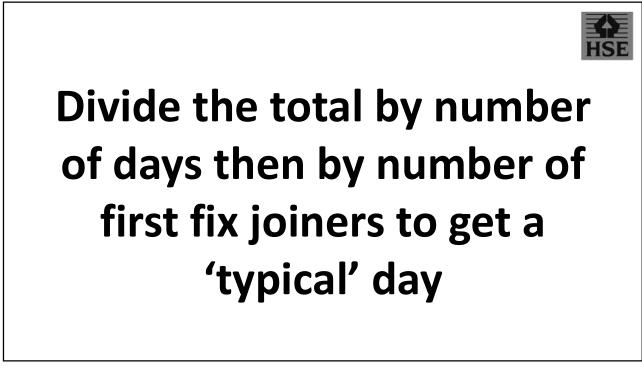




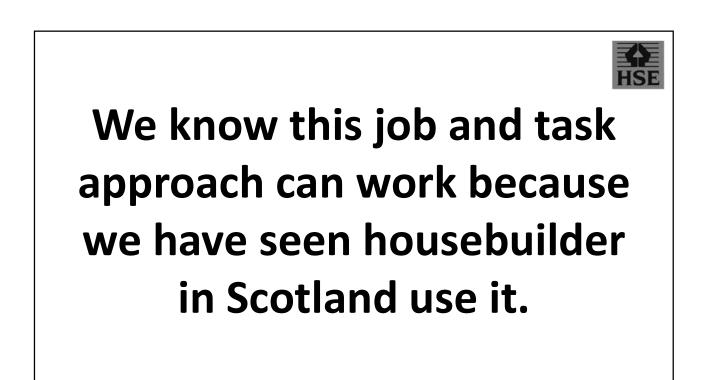






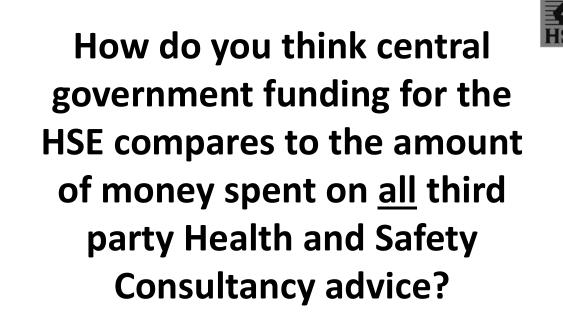


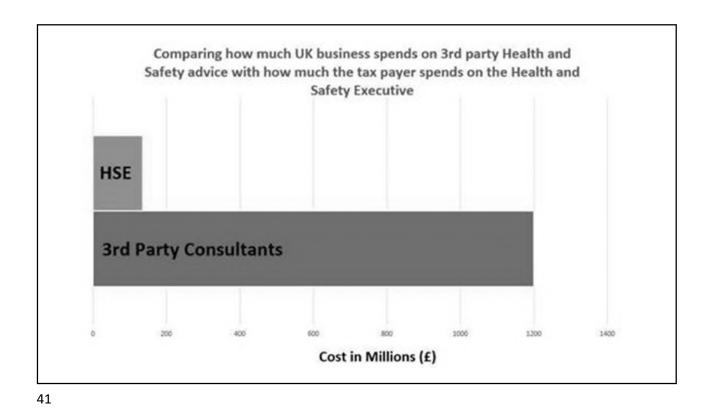
Company name / work area: Employee ID and/or task name:		AWF construction Ist Fix Jonery Work - 3 Bed House type HSI								
Tool or process name Select HSE recommended initial values or enter your own information	Vibration magnitude m/s ²	Exposure points per hour		reach EAV (s ² A (8) minutes		reach ELV s ² A (8) minutes	10000	osure ation minutes	Partial exposure m/s² A (8)	Partial exposure points
Nail guns	9	162		37	2	28		30	2.3	81
screw gun	3	18	5	33	22	13	1	5	1.1	20
Rip Saw	5	50	2		8			10	0.7	8
Lock Tool or process names Instructions for use: Enter vibration magnitudes and exposure durations (for an individual worker or a task carried out by several workers) in the white areas. Results are displayed in the yellow areas Lock Tool of fit Information on tool types may be entered directly into the tools/process names columns, or selected from a drop-down list of HSE recommended initial data values. To clear all cells, click on the 'Reset' button						Daily exposure m/s² A (8) 2.6	Total exposure points 109			
Reset Print (preview)		tool or process name' check box to prevent 'Reset' clearing these cells prmation such as company name, worker name may be added if printing or saving the							WARNING: Exposure at or above 2.5m/s²A(8) EAV (100 points)	
Exposure cal	culation by:	Brian Bush	by							

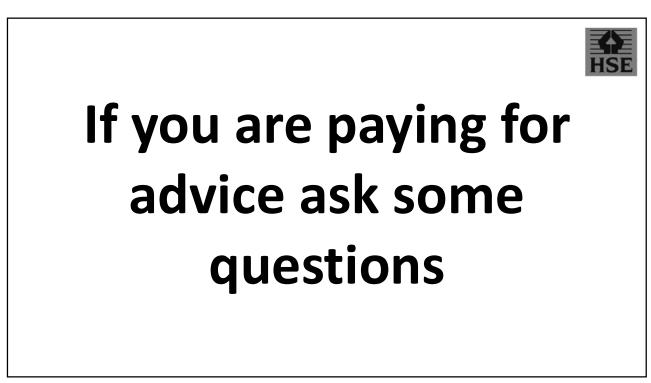




What kind of advice are you getting?





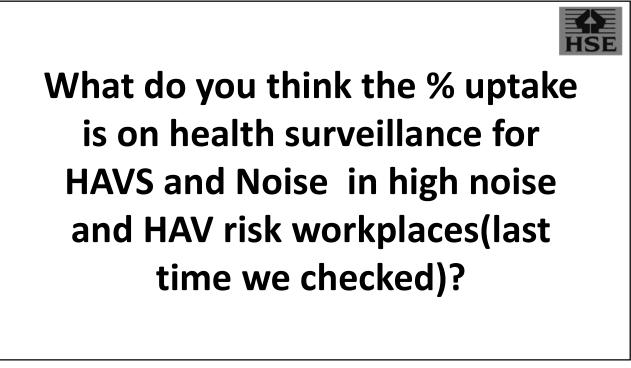


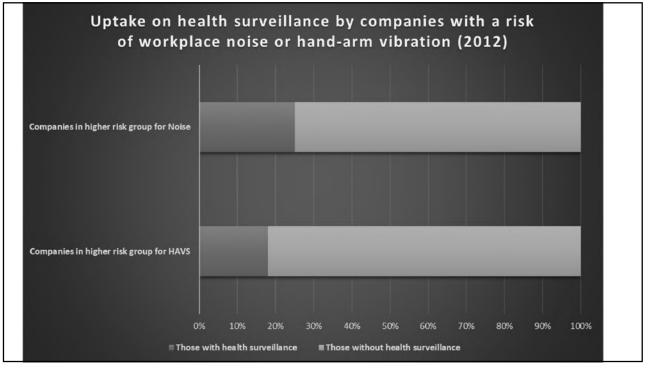
A HSE

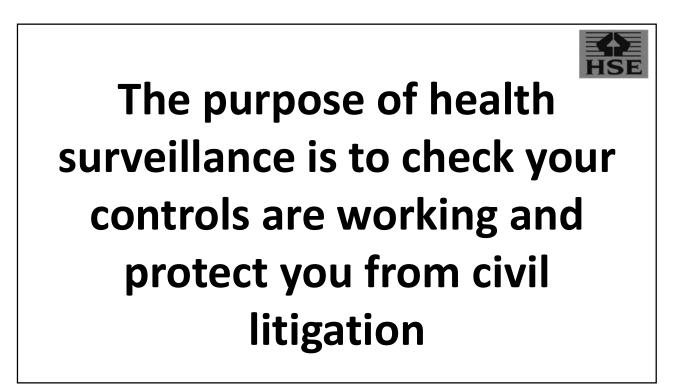
Noise Consultancy industry 1 page buyers guide about to be published

You should make sure the consultant is competent to do the work	Yes	No
Are they qualified to measure and assess workplace noise (e.g. completed IOA, BOHS or IOSH certificate/module in workplace noise assessment)?		
Are they a member of a professional body (ANC, BOHS, IOA or IOSH)?		
[I] If advice on control is to be provided can they show that they, or the project supervisor, have a suitable level of experience.		
[I] If they have not completed a workplace noise assessment course can they otherwise show that they have suitable experience?		
Coll Can they give examples of previous reports or examples of good work?		
To help you complete the risk assessment you need specific details regarding your employees' noise exposure. Check the report will include:		
What your employee's exposure levels are in relation to the action and limit values stated in the noise at work regulations.		
O Advice on if you need to provide health surveillance.		
The required performance of any hearing protection you may need give to your employees and/or an assessment of existing hearing protection used.		
O An executive summary for ease of understanding		
A list of practical measures that you can implement to both reduce risk posed to your employees by exposure to noise and improve compliance		
You should provide suitable information to help the consultant do their job		
Tell them if you need a noise survey or advice on control or both		
Give them information about the work that you do, staff numbers and rolls, equipment operating and any areas where access may be difficult		
Ssue your site safety requirements for visiting contractors (e.g. time required for induction, PPE requirements)		
Ssue details of your existing hearing protection, "buy quiet scheme" and health surveillance		
O Provide a floorplan showing the location of equipment and noisy processes		
Ssue copies of any previous noise surveys you have had completed		



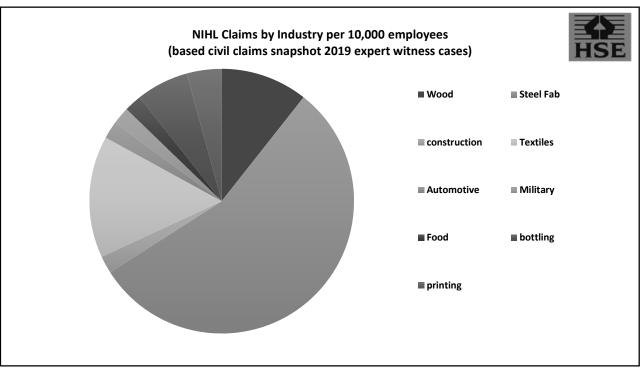






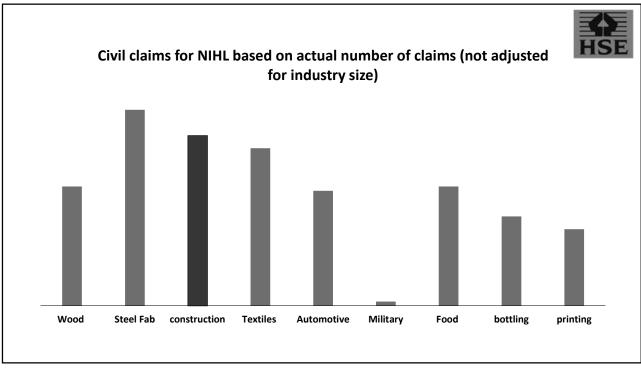


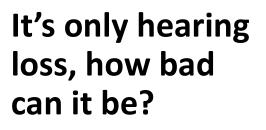
Does the Construction industry see a lot of Noise Induced Hearing Loss claims?

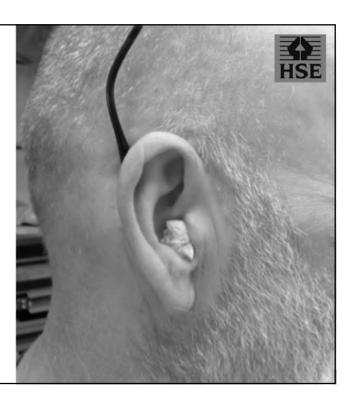


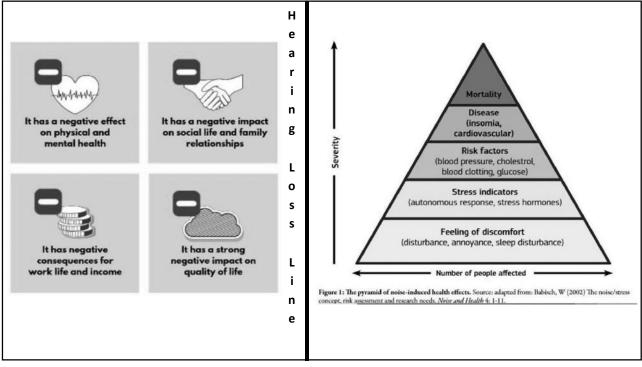


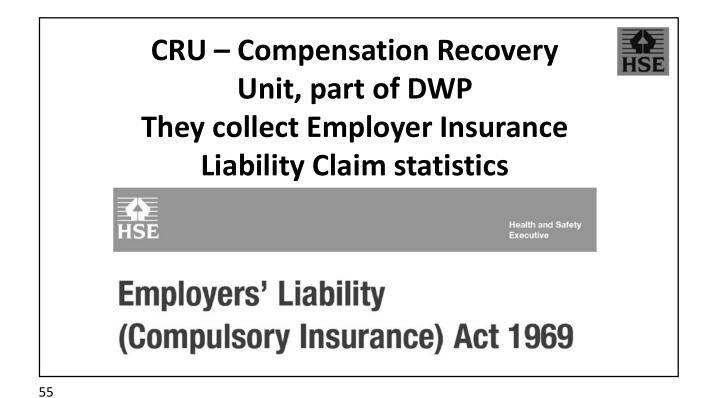
That looks ok..doesn't it (when we adjust it for industry size)?

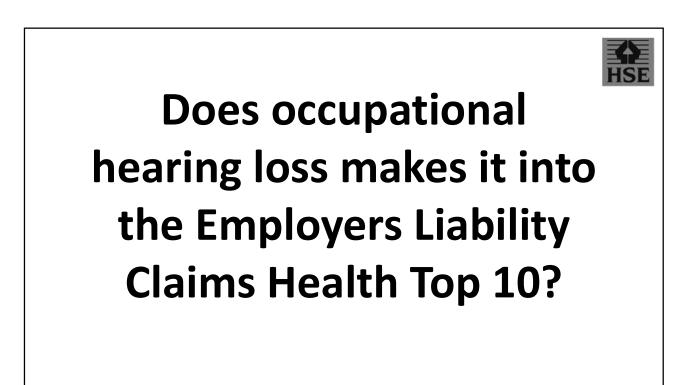


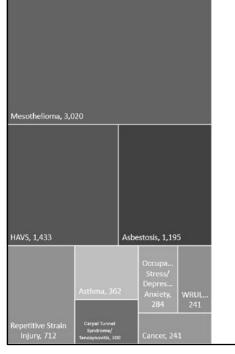






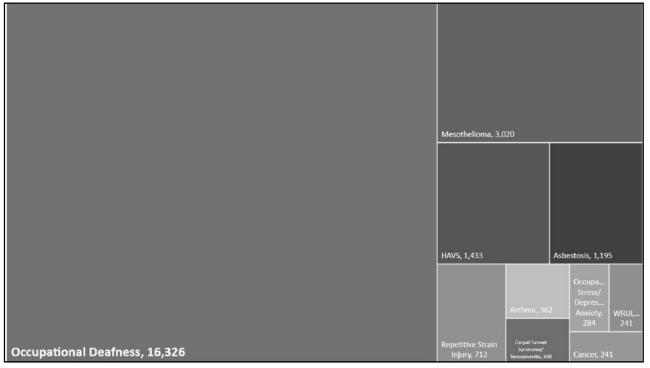




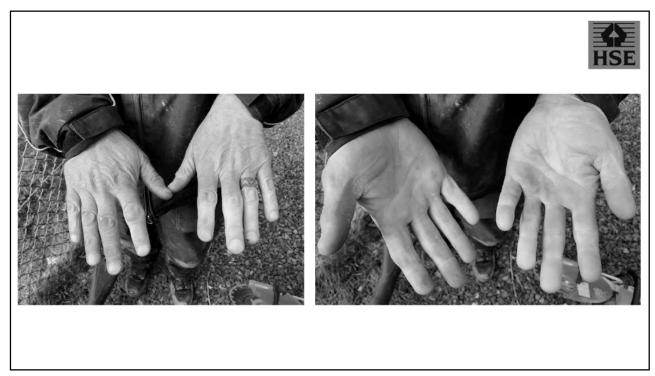


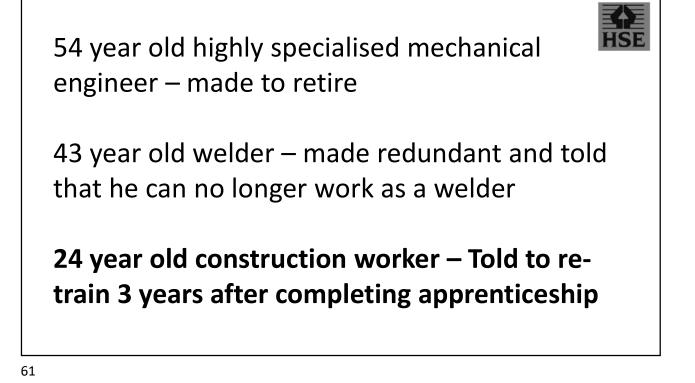
These are the diseases where claims are being made.

2015-2016 - Top 10 Occupational Diseases by Employer Liability Insurance Claim (CRU at DWP)

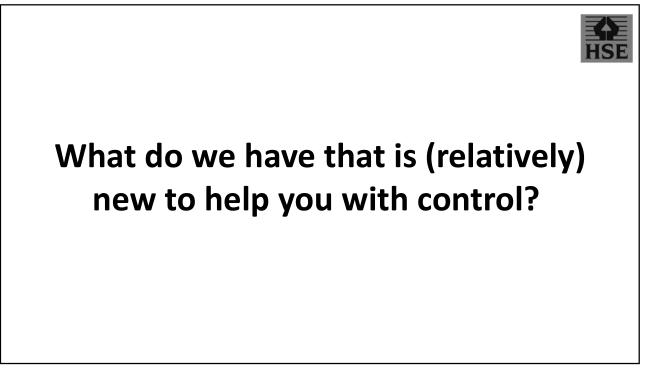


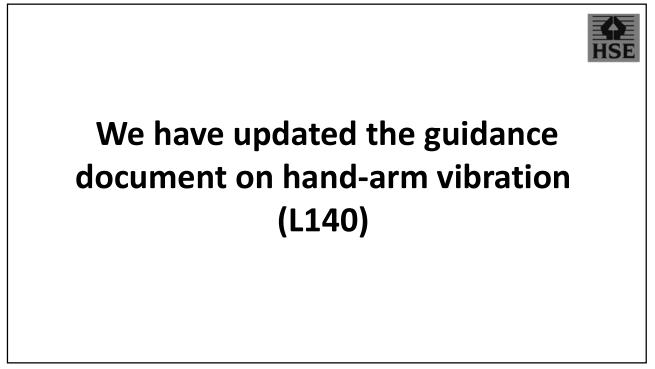


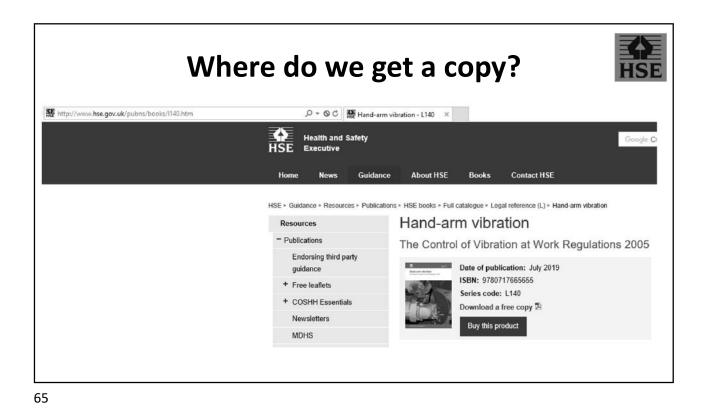


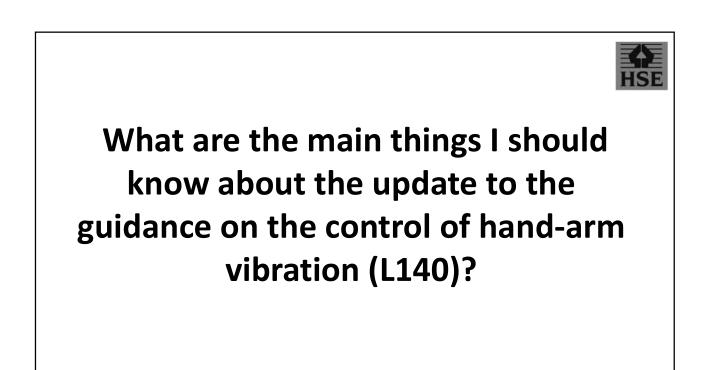


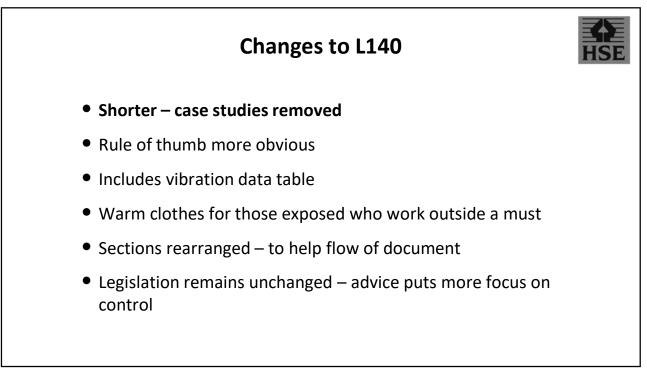
Health related RIDDOR's sent to HSE from the construction industry 25% 75% HAVS all other Health RIDDORS







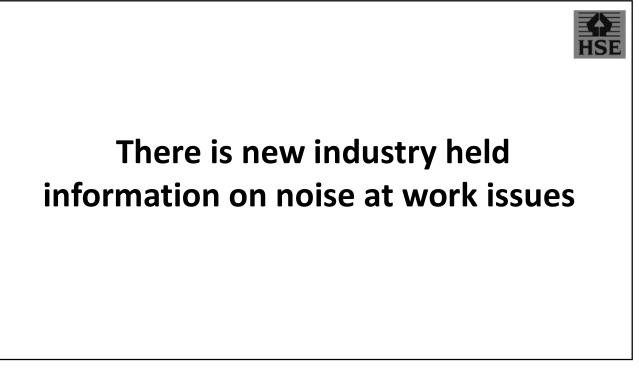




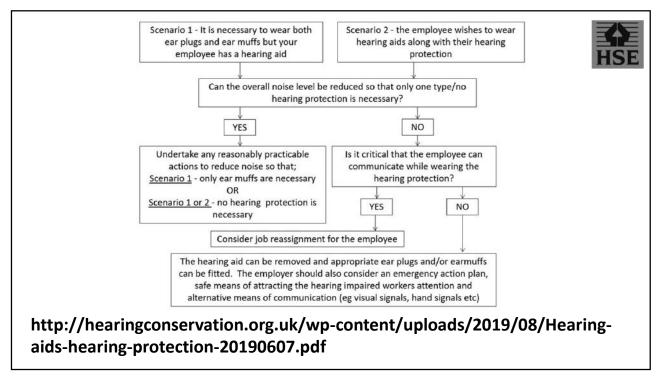
Industry	Problem	Solution			
Amenity horticulture	Use of power tools (eg hedge trimmers, chainsaws, strimmers and mowers) for park maintenance	Consider allowing more natural meadow, hedge and tree growth Select slow-growing/low-growing shrubs			
		Use vehicle-mounted machinery such as a side-arm flail			
Construction	Use of scabbling tools and needle scalers for architectural finishes	Specify architectural finishes and processes that don't require the use of powered hand tools (eg chemical retardants, shuttering)			
	Cutting and patching of stone, wood or concrete products to fit using powered hand tools on site	Prefabricate components using factory- based machining			
	Use of demolition hammers to break up large concrete blocks and walls	Split large blocks using hydraulic expanding devices inserted into pre-drilled holes (bursting) or use driven or remote control plant which can be fitted with nibblers and peckers			
	De-scaling of steel structures after fabrication using pneumatic scaling tools	Use abrasive blasting or high-pressure water jetting instead of pneumatic scaling tools			

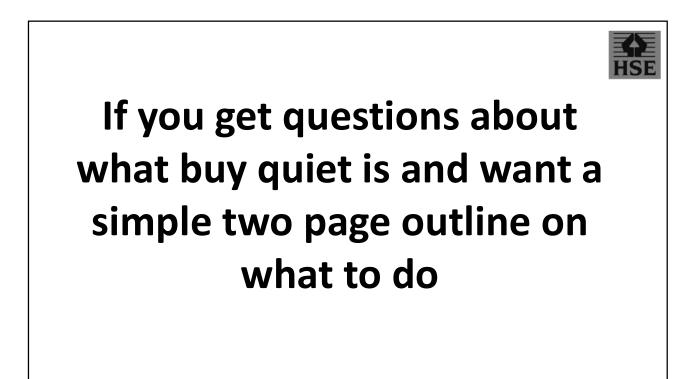
Power tool or machine type	Time to EAV	Time to ELV					
Rotary	1 hour	4 hours					
Percussive	15 mins	1 hour					
Note 1 : Employers should hold information to justify usage beyond the times indicated in this table; for example, machines that incorporate effective vibration-reducing design features may have lower vibration magnitudes, allowing longer use before the action values are reached.							
Note 2 : The exposure durations shown are those after which it is likely that the EAV or ELV will have been reached with modern well-designed and maintained machines . Older, poorly designed or poorly maintained machines may reach the EAV and ELV much sooner.							

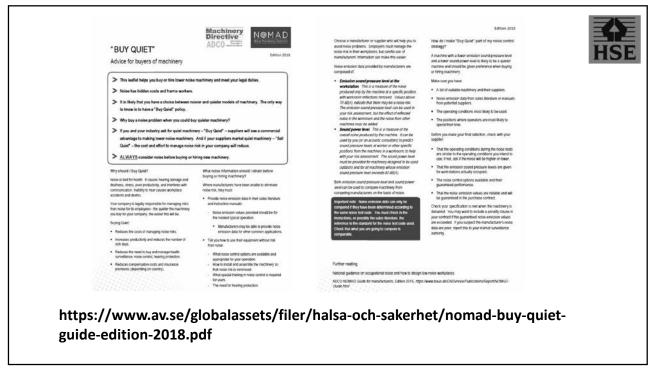
ISE	HAND-	ARM VI	BRAT	ION EX	POSU	RE CA	LCUL	ATOR	Vers	ion 5.6 June 20
Company name Employee ID and/		-								
Tool or process name elect HSE recommended initial values or iter your own information	Vibration magnitude m/s ²	Exposure points per hour	10000000000000000000000000000000000000	reach EAV /s ² A (8) minutes	100000000000000000000000000000000000000	each ELV ² A (8) minutes	1312223	osure ation minutes	Partial exposure m/s ² A (8)	Partial exposure points
Plate compactors - non-AV	18	648		9		37		-		
Chainsaws Mowers - Hand-guided Mowers - Ride on Hedge trimmer Drifls - Core - 78 - 1000 m Drifls - Hole saw Drifls - Ingact - 13mm masonry bit Drifls - Imgact - 13mm masonry bit										
Coom to fit Help Reset Print (preview) eset Options:	workers) in the Information or down list of H To clear all cel	magnitudes and e white areas. Re n tool types may I SE recommended Is, click on the 'Re	use: nagnitudes and exposure durations (for an individual worker or a task carried out by several white areas. Results are displayed in the yellow areas ool types may be entered directly into the tools/process names columns, or selected from a drop- recommended initial data values. click on the 'Reset' button log opposes information' check hos to prevent 'Reset' clearing these cells.							Total exposure points

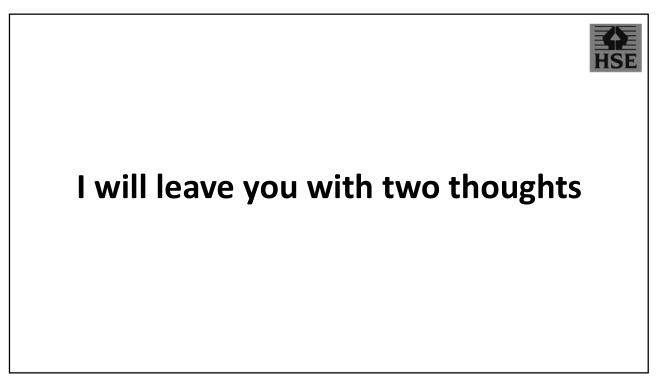












Eliminate by 2030 as an occupational disease, new cases of noise induced hearing damage....

http://www.hse.gov.uk/noise/workingwithus.htm

