

Noise Assessment Record

MOD Form 5017

NOTE: To be completed by 'competent' persons with current knowledge of conducting noise assessments. This form is not suitable for assessing impulse noise from military weapons, explosives and pyrotechnics which should be assessed by a specialist with a bespoke risk assessment.

1. Assessment details							
Establishment / Unit / Platform:		Section / Department / Sub-unit:					
Location of assessment (address)						Type of noise environment	
						Continuous <input type="checkbox"/>	
MOD Form 5017 Reference No.		Main risk assessment (MOD Form 5010) Reference No.					
2. Assessment carried out by							
Assessor name:		Signature: (only if form is completed by hand)					
Post / Role:		Rank / Grade:		Date:			
3. Summary of results (complete after sections 4 – 10)							
Post / Role Title	Number of personnel exposed	Lower Exposure Action Value reached?		Upper Exposure Action Value reached?		Exposure Limit Value reached? (Hearing protection accounted for)	
		L _{EP,d} 80 dB(A)	L _{Cpeak} 135 dB(C)	L _{EP,d} 85 dB(A)	L _{Cpeak} 137 dB(C)	L _{EP,d} 87 dB(A)	L _{Cpeak} 140 dB(C)
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Is a specialist noise assessment or advice required due to presence of impulse noise or Exposure Limit Values exceeded with mitigation? (L_{EP,d} over 100 dB(A)) Yes No

Measurement details

4. Measurement equipment				
Sound level meter		Serial No.		Date of calibration
Microphone		Serial No.		Date of calibration
Calibrator model		Serial No.		Date of calibration

5. Description / sketch / images of area covered by the assessment

(Identify locations of noise sources, normal working positions, etc) To include a sketch / image either use the Word version of this form or detail this in the description that there are image files separate to this form and what their files names and locations are. Alternatively, please add to a separate word document quoting the reference number and attach to this assessment record.

6. Details of operations / remarks

(Detail the work / activities undertaken, and any control measures currently in place)

7. Recommendations

Actions necessary to comply with JSP 375 Volume 1, Chapter 25 - Noise at work

Reduction of noise exposure by means other than the provision of hearing protection
(Essential if personnel are exposed at or above the Upper Exposure Action Value)

Information, Instruction, and Training of personnel
(Essential if personnel are exposed at or above the Lower Exposure Action Value)

Hearing Protection Zones
(Essential in all areas where personnel are exposed at or above the Upper Exposure Action Value)

Provision of personal hearing protection
(Where applicable, is the current hearing protection suitable and sufficient, or is additional / alternative hearing protection required? Include types and NATO Stock numbers, where possible)

8. Additional recommendations

(List any further actions which have not been previously discussed)

Empty space for additional recommendations.

9. Further comments

Empty space for further comments.

10. Action taken by commander, manager or accountable person

Empty space for action taken by commander, manager or accountable person.

Name:		Signature (only if form is completed by hand)	
Post / Role:		Rank / Grade:	Date:

11. Record of reviews

Note: A review should be undertaken at a frequency that is appropriate to the level of risk (see JSP 375 Chapter 25 for details) but must be conducted at least annually or if there is a change in work practices, equipment or personnel.

Date of initial assessment		Reference No. of initial assessment	
Date of review	Name of reviewer	Grade / Rank	Re-assess?
			<input type="checkbox"/>
If a re-assessment is required, please fill in a new Noise Assessment Record and enter the details below.			
Reference No. of new assessment		Date of new assessment	

Sound pressure level, L_{Aeq} (dB(A))	Duration of exposure										Total exposure points (sum of points from individual exposure components)	Daily noise exposure $L_{EP,d}$ (dB(A))	
	2 min	5 min	15 min	30 min	1 hr	2 hr	4 hr	8 hr	10 hr	12 hr			
120	1300											320000	120
110	130	330	1000	2000								32000	110
105	42	105	315	625	1250							10000	105
100	13	34	100	200	395	790	1600					3200	100
98	8	22	60	125	250	500	1000	2000				2000	98
97	7	17	50	100	200	395	790	1600	2000			1600	97
95	4	10	32	65	125	250	500	1000	1250	1500		1000	95
94		8	26	50	100	200	395	790	1000	1200		790	94
93		7	20	40	80	160	315	630	790	950		630	93
92		5	16	32	65	125	250	500	625	750		500	92
91		4	12	26	50	100	200	400	500	595		400	91
90			10	20	40	80	160	315	395	475		315	90
89			8	16	32	65	125	250	315	375		250	89
88			6	12	26	50	100	200	250	300		200	88
87			5	10	20	40	80	160	200	240		160	87
86			4	8	16	32	65	125	155	190		125	86
85				6	13	26	50	100	125	150		100	85
84				5	10	20	40	80	100	120		80	84
83				4	8	16	32	65	80	95		65	83
82					6	13	26	50	65	75		50	82
81					5	10	20	40	50	60		40	81
80					4	8	16	32	40	48		32	80
79						6	13	26	32	38		26	79
78						5	10	20	26	30		20	78
76							5	10	13	15		10	75

Table 1 – HSE - Noise exposure ready-reckoner (daily exposure)

	Above upper exposure action value ($L_{EP,d}$ 85 dB(A))
	Above lower exposure action value ($L_{EP,d}$ 80 dB(A))
	Below lower exposure action value ($L_{EP,d}$ 80 dB(A))