APPENDIX B2

20-21 King's Mews, Holborn, London

Source: Demolition/Construction Site			F	requent	v. Hz				
Receiver: Adjoining building at No. 5 Northington Street	63	125	250	500	1k	2k	4k	8k	dB(A)
Site set-up									
Soft strip									
Removal of fixtures and fittings, diconnecting services rovoval floor and wall									
finnishes									
Handheld crowbar (Sound Pressure Level at 10m)	66	66	68	68	63	67	55	51	
Distance correction (min. 8m)	2	2	2	2	2	2	2	2	
Correction due to on- time on (45%)	-3	-3	-3	-3	-3	-3	-3	-3	
Attenuation provided by the building envelope	-10	-12	-15	-17	-20	-23	-27	-27	
Total	54	52	51	49	41	42	26	22	50
Skip Lorry delivery and collection				70			~~	~~	
Delivery vehicles (Sound Pressure Level at 10m)	73	78	78	78	74	73	68	66	
Distance correction (min. 4m)	8	8	8	8	8	8	8	8	
Correction due to on- time (4%)	-14 67	-14 72	-14	-14 72	-14	-14	-14	-14	74
Total	67	12	72	12	68	67	62	60	74
Predicted Daily Airborne Noise Level, dB $L_{Aeq,10h}$ at the nearest sensitive façade	67	72	72	72	68	67	62	60	74
Demolition phase									
Hand-held pneumatic breaker (Sound Pressure Level at 10m)	83	83	81	74	73	76	78	77	
Distance correction (min. 8m)	2	2	2	2	2	2	2	2	
Correction due to on- time (50%)	-3	-3	-3	-3	-3	-3	-3	-3	
Attenuation provided by the building envelope	-10	-12	-15	-17	-20	-23	-27	-27	
Total	72	70	65	56	52	52	50	49	62
								-	-
Skip Lorry delivery and collection									
Delivery vehicles (Sound Pressure Level at 10m)	73	78	78	78	74	73	68	66	
Distance correction (min. 4m)	8	8	8	8	8	8	8	8	
Correction due to on- time (5%)	-14	-14	-14	-14	-14	-14	-14	-14	
Total	67	72	72	72	68	67	62	60	74
Predicted Daily Airborne Noise Level, dB L _{Aea.10h} at the nearest sensitive façade	73	74	73	72	68	67	62	60	74
Construction of new house,demolition									
Excavating Basement Fundation, Concreting, Building new walls									
		83	81	74	73	76	78	77	
Hand-held pneumatic breaker (Sound Pressure Level at 10m)	83	•		•		2	2	2	
Distance correction (min. 8m)	2	2	2	2	2				
Distance correction (min. 8m) Correction due to on- time (40%)	2 -4	-4	2 -4	-4	-4	-4	-4	-4	
Distance correction (min. 8m) Correction due to on- time (40%) Attenuation provided by the building envelope	2 -4 -10	-4 -12	2 -4 -15	-4 -17	-4 -20	-4 -23	-4 -27	-27	61
Distance correction (min. 8m) Correction due to on- time (40%)	2 -4	-4	2 -4	-4	-4	-4	-4		61
Distance correction (min. 8m) Correction due to on- time (40%) Attenuation provided by the building envelope Total	2 -4 -10 71	-4 -12 69	2 -4 -15 64	-4 -17 55	-4 -20 51	-4 -23 51	-4 -27 49	-27 48	61
Distance correction (min. 8m) Correction due to on- time (40%) Attenuation provided by the building envelope Total Cordless Drill (Sound Pressure Level at 10m)	2 -4 -10 71 63	-4 -12 69 65	2 -4 -15 64	-4 -17 55 66	-4 -20 51 65	-4 -23 51 69	-4 -27 49 64	-27 48 61	61
Distance correction (min. 8m) Correction due to on- time (40%) Attenuation provided by the building envelope Total Cordless Drill (Sound Pressure Level at 10m) Distance correction (min. 4m)	2 -4 -10 71 63 8	-4 -12 69 65 8	2 -4 -15 64 65 8	-4 -17 55 66 8	-4 -20 51 65 8	-4 -23 51 69 8	-4 -27 49 64 8	-27 48 61 8	61
Distance correction (min. 8m) Correction due to on- time (40%) Attenuation provided by the building envelope Total Cordless Drill (Sound Pressure Level at 10m) Distance correction (min. 4m) Correction due to time on (20%)	2 -4 -10 71 63 8 -7	-4 -12 69 65 8 -7	2 -4 -15 64 65 8 -7	-4 -17 55 66 8 -7	-4 -20 51 65 8 -7	-4 -23 51 69 8 -7	-4 -27 49 64 8 -7	-27 48 61 8 -7	61
Distance correction (min. 8m) Correction due to on- time (40%) Attenuation provided by the building envelope Total Cordless Drill (Sound Pressure Level at 10m) Distance correction (min. 4m) Correction due to time on (20%) Attenuation provided by the building envelope	2 -4 -10 71 63 8 -7 -10	-4 -12 69 65 8 -7 -12	2 -4 -15 64 65 8 -7 -15	-4 -17 55 66 8 -7 -17	-4 -20 51 65 8 -7 -20	-4 -23 51 69 8 -7 -23	-4 -27 49 64 8 -7 -27	-27 48 61 8 -7 -27	
Distance correction (min. 8m) Correction due to on- time (40%) Attenuation provided by the building envelope Total Cordless Drill (Sound Pressure Level at 10m) Distance correction (min. 4m) Correction due to time on (20%)	2 -4 -10 71 63 8 -7	-4 -12 69 65 8 -7	2 -4 -15 64 65 8 -7	-4 -17 55 66 8 -7	-4 -20 51 65 8 -7	-4 -23 51 69 8 -7	-4 -27 49 64 8 -7	-27 48 61 8 -7	61 53
Distance correction (min. 8m) Correction due to on- time (40%) Attenuation provided by the building envelope Total Cordless Drill (Sound Pressure Level at 10m) Distance correction (min. 4m) Correction due to time on (20%) Attenuation provided by the building envelope	2 -4 -10 71 63 8 -7 -10	-4 -12 69 65 8 -7 -12	2 -4 -15 64 65 8 -7 -15	-4 -17 55 66 8 -7 -17	-4 -20 51 65 8 -7 -20	-4 -23 51 69 8 -7 -23	-4 -27 49 64 8 -7 -27	-27 48 61 8 -7 -27	
Distance correction (min. 8m) Correction due to on- time (40%) Attenuation provided by the building envelope Total Cordless Drill (Sound Pressure Level at 10m) Distance correction (min. 4m) Correction due to time on (20%) Attenuation provided by the building envelope Total	2 -4 -10 71 63 8 -7 -10	-4 -12 69 65 8 -7 -12	2 -4 -15 64 65 8 -7 -15	-4 -17 55 66 8 -7 -17	-4 -20 51 65 8 -7 -20	-4 -23 51 69 8 -7 -23	-4 -27 49 64 8 -7 -27	-27 48 61 8 -7 -27	
Distance correction (min. 8m) Correction due to on- time (40%) Attenuation provided by the building envelope Total Cordless Drill (Sound Pressure Level at 10m) Distance correction (min. 4m) Correction due to time on (20%) Attenuation provided by the building envelope Total 8 wheel ready mix concrete truck - Volvo FMX420 8x4 Concrete Mixer (Sound	2 -4 -10 71 63 8 -7 -10 54	-4 -12 69 65 8 -7 -12 54	2 -4 -15 64 65 8 -7 -15 51	-4 -17 55 66 8 -7 -17 50	-4 -20 51 65 8 -7 -20 46	-4 -23 51 69 8 -7 -23 47	-4 -27 49 64 8 -7 -27 38	-27 48 61 8 -7 -27 35	
Distance correction (min. 8m) Correction due to on- time (40%) Attenuation provided by the building envelope Total Cordless Drill (Sound Pressure Level at 10m) Distance correction (min. 4m) Correction due to time on (20%) Attenuation provided by the building envelope Total 8 wheel ready mix concrete truck - Volvo FMX420 8x4 Concrete Mixer (Sound Pressure Level at 10m)	2 -4 -10 71 63 8 -7 -10 54 81	-4 -12 69 65 8 -7 -12 54 71	2 -4 -15 64 65 8 -7 -15 51	-4 -17 55 66 8 -7 -17 50	-4 -20 51 65 8 -7 -20 46	-4 -23 51 69 8 -7 -23 47 75	-4 -27 49 64 8 -7 -27 38	-27 48 61 8 -7 -27 35	
Distance correction (min. 8m) Correction due to on- time (40%) Attenuation provided by the building envelope Total Cordless Drill (Sound Pressure Level at 10m) Distance correction (min. 4m) Correction due to time on (20%) Attenuation provided by the building envelope Total 8 wheel ready mix concrete truck - Volvo FMX420 8x4 Concrete Mixer (Sound Pressure Level at 10m) Distance correction (min. 4m)	2 -4 -10 71 63 8 -7 -10 54 81 8	-4 -12 69 65 8 -7 -12 54 71 8	2 -4 -15 64 65 8 -7 -15 51 63 8	-4 -17 55 66 8 -7 -17 50 63 8	-4 -20 51 65 8 -7 -20 46 67 8	-4 -23 51 69 8 -7 -23 47 75 8 -5	-4 -27 49 64 8 -7 -27 38 60 8	-27 48 61 8 -7 -27 35 55 8	
Distance correction (min. 8m) Correction due to on- time (40%) Attenuation provided by the building envelope Total Cordless Drill (Sound Pressure Level at 10m) Distance correction (min. 4m) Correction due to time on (20%) Attenuation provided by the building envelope Total 8 wheel ready mix concrete truck - Volvo FMX420 8x4 Concrete Mixer (Sound Pressure Level at 10m) Distance correction (min. 4m) Attenuation provided by portable acoustic barrier system	2 -4 -10 71 63 8 -7 -10 54 81 8 -5	-4 -12 69 65 8 -7 -12 54 71 8 -5	2 -4 -15 64 -7 -15 51 63 8 -5	-4 -17 55 66 8 -7 -17 50 63 8 -5	-4 -20 51 65 8 -7 -20 46 67 8 -5	-4 -23 51 69 8 -7 -23 47 75 8 -5	-4 -27 49 64 8 -7 -27 38 60 8 -5	-27 48 61 8 -7 -27 35 55 8 -5	
Distance correction (min. 8m) Correction due to on- time (40%) Attenuation provided by the building envelope Total Cordless Drill (Sound Pressure Level at 10m) Distance correction (min. 4m) Correction due to time on (20%) Attenuation provided by the building envelope Total 8 wheel ready mix concrete truck - Volvo FMX420 8x4 Concrete Mixer (Sound Pressure Level at 10m) Distance correction (min. 4m) Attenuation provided by portable acoustic barrier system Correction due to on- time on (2.5%)	2 -4 -10 71 63 8 -7 -10 54 81 8 8 -5 -16	-4 -12 69 65 8 -7 -12 54 71 8 -5 -16	2 -4 -15 64 -7 -15 51 63 8 -5 -16	-4 -17 55 66 8 -7 -17 50 63 8 -5 -16	-4 -20 51 65 8 -7 -20 46 67 8 -5 -16	-4 -23 51 69 8 -7 -23 47 75 8 -5 -16	-4 -27 49 64 8 -7 -27 38 60 8 -5 -16	-27 48 61 8 -7 -27 35 55 8 -5 -16	53
Distance correction (min. 8m) Correction due to on- time (40%) Attenuation provided by the building envelope Total Cordless Drill (Sound Pressure Level at 10m) Distance correction (min. 4m) Correction due to time on (20%) Attenuation provided by the building envelope Total 8 wheel ready mix concrete truck - Volvo FMX420 8x4 Concrete Mixer (Sound Pressure Level at 10m) Distance correction (min. 4m) Attenuation provided by portable acoustic barrier system Correction due to on- time on (2.5%) Total Pumping concrete	2 -4 -10 71 63 8 -7 -10 54 81 8 -5 -16 68	-4 -12 69 65 8 -7 -12 54 71 8 -5 -16 58	2 -4 -15 64 -7 -15 51 -15 51 -16 50	-4 -17 55 66 8 -7 -17 50 63 8 -5 -16 50	-4 -20 51 65 8 -7 -20 46 67 8 -5 -16 54	-4 -23 51 69 8 -7 -23 47 75 8 -7 5 -16 62	-4 -27 49 64 8 -7 -27 38 60 8 -5 -16 47	-27 48 61 8 -7 -27 35 55 8 -5 -16 42	53
Distance correction (min. 8m) Correction due to on- time (40%) Attenuation provided by the building envelope Total Cordless Drill (Sound Pressure Level at 10m) Distance correction (min. 4m) Correction due to time on (20%) Attenuation provided by the building envelope Total 8 wheel ready mix concrete truck - Volvo FMX420 8x4 Concrete Mixer (Sound Pressure Level at 10m) Distance correction (min. 4m) Attenuation provided by portable acoustic barrier system Correction due to on- time on (2.5%) Total Pumping concrete Towed concrete pump - Schwing BP 550HD-18 (Sound Pressure Level at 10m)	2 -4 -10 71 63 8 -7 -10 54 81 8 -5 -16 68 84	-4 -12 69 65 8 -7 -12 54 71 8 -5 -16 58 76	2 -4 -15 64 65 8 -7 -15 51 63 8 -5 -16 50 70	-4 -17 55 66 8 -7 -17 50 63 8 -5 -16 50 71	-4 -20 51 65 8 -7 -20 46 67 8 -5 -16 54	-4 -23 51 69 8 -7 -23 47 75 8 -7 5 -16 62 73	-4 -27 49 64 8 -7 -27 38 60 8 -5 -16 47 66	-27 48 61 8 -7 -27 35 55 8 -5 -16 42 58	53
Distance correction (min. 8m) Correction due to on- time (40%) Attenuation provided by the building envelope Total Cordless Drill (Sound Pressure Level at 10m) Distance correction (min. 4m) Correction due to time on (20%) Attenuation provided by the building envelope Total 8 wheel ready mix concrete truck - Volvo FMX420 8x4 Concrete Mixer (Sound Pressure Level at 10m) Distance correction (min. 4m) Attenuation provided by portable acoustic barrier system Correction due to on- time on (2.5%) Total Pumping concrete Towed concrete pump - Schwing BP 550HD-18 (Sound Pressure Level at 10m) Distance correction (min. 4m)	2 -4 -10 71 63 8 -7 -10 54 81 8 -5 -16 68 84 84	-4 -12 69 65 8 -7 -12 54 71 8 -5 -16 58 76 8	2 -4 -15 64 65 8 -7 -15 51 63 8 -5 -16 50 70 8	-4 -17 55 66 8 -7 -17 50 63 8 -5 -16 50 71 8	-4 -20 51 65 8 -7 -20 46 67 8 -5 -16 54 73 8	-4 -23 51 69 8 -7 -23 47 75 8 -5 -16 62 73 8	-4 -27 49 64 8 -7 -27 38 60 8 -5 -16 47 66 8	-27 48 61 8 -7 -27 35 55 8 -5 -16 42 58 8	53
Distance correction (min. 8m) Correction due to on- time (40%) Attenuation provided by the building envelope Total Cordless Drill (Sound Pressure Level at 10m) Distance correction (min. 4m) Correction due to time on (20%) Attenuation provided by the building envelope Total 8 wheel ready mix concrete truck - Volvo FMX420 8x4 Concrete Mixer (Sound Pressure Level at 10m) Distance correction (min. 4m) Attenuation provided by portable acoustic barrier system Correction due to on- time on (2.5%) Total Pumping concrete Towed concrete pump - Schwing BP 550HD-18 (Sound Pressure Level at 10m) Distance correction (min. 4m) Attenuation provided by portable acoustic barrier system	2 -4 -10 71 63 8 -7 -10 54 81 8 -5 -16 68 84 84 8 -5	-4 -12 69 65 8 -7 -12 54 71 8 -5 -16 58 76 8 -5	2 -4 -15 64 65 8 -7 -15 51 63 8 -5 51 63 8 -5 50 70 8 -5	-4 -17 55 66 8 -7 -17 50 63 8 -5 -16 50 71 8 -5	-4 -20 51 65 8 -7 -20 46 67 8 -5 -16 54 73 8 -5	-4 -23 51 69 8 -7 -23 47 75 8 -5 -16 62 73 8 -5	-4 -27 49 64 8 -7 -27 38 60 8 -5 -16 47 66 8 -5	-27 48 61 8 -7 -27 35 55 8 -5 -16 42 58 8 -5	53
Distance correction (min. 8m) Correction due to on- time (40%) Attenuation provided by the building envelope Total Cordless Drill (Sound Pressure Level at 10m) Distance correction (min. 4m) Correction due to time on (20%) Attenuation provided by the building envelope Total 8 wheel ready mix concrete truck - Volvo FMX420 8x4 Concrete Mixer (Sound Pressure Level at 10m) Distance correction (min. 4m) Attenuation provided by portable acoustic barrier system Correction due to on- time on (2.5%) Total Pumping concrete Towed concrete pump - Schwing BP 550HD-18 (Sound Pressure Level at 10m) Distance correction (min. 4m)	2 -4 -10 71 63 8 -7 -10 54 81 8 -5 -16 68 84 84	-4 -12 69 65 8 -7 -12 54 71 8 -5 -16 58 76 8	2 -4 -15 64 65 8 -7 -15 51 63 8 -5 -16 50 70 8	-4 -17 55 66 8 -7 -17 50 63 8 -5 -16 50 71 8	-4 -20 51 65 8 -7 -20 46 67 8 -5 -16 54 73 8	-4 -23 51 69 8 -7 -23 47 75 8 -5 -16 62 73 8	-4 -27 49 64 8 -7 -27 38 60 8 -5 -16 47 66 8	-27 48 61 8 -7 -27 35 55 8 -5 -16 42 58 8	53

APPENDIX B2 (Cont.)

20-21 King's Mews, Holborn, London

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Skip Lorry delivery and collection (Sound Pressure Level at 10m)	73	78	78	78	74	73	68	66	
Distance correction (min. 4m)	8	8	8	8	8	8	8	8	
Correction due to on- time (3%)	-15	-15	-15	-15	-15	-15	-15	-15	
Total	66	71	71	71	67	66	61	59	73
	76	74	72	71	68	68	62	59	74
Predicted Daily Airborne Noise Level, dB $L_{Aeq,10h}$ at the nearest sensitive façade									
Roof work									
Installing roof frame and roof finishes									
Handheld circular skill saw: Makita HS7601 110V (Sound Pressure Level at 10m)	69	75	77	74	71	70	74	69	
Distance correction (min. 8m)	2	2	2	2	2	2	2	2	
Correction due to on- time on (7%)	-12	-12	-12	-12	-12	-12	-12	-12	
Attenuation provided by portable acoustic barrier system	-8	-8	-8	-8	-8	-8	-8	-8	
Total	51	57	59	56	53	52	56	51	62
Cordless Drill Hilti SFH 22-A (Sound Pressure Level at 10m)	63	65	65	66	65	69	64	61	
Distance correction (min. 8m)	2	2	2	2	2	2	2	2	
Correction due to time on (20%)	-8	-8	-8	-8	-8	-8	-8	-8	
Attenuation provided by portable acoustic barrier system	-8	-8	-8	-8	-8	-8	-8	-8	
Total	49	51	51	52	51	55	50	47	59
Paslode pneumatic gun IM350 (Sound Pressure Level at 10m)	63	65	65	66	65	69	64	61	
Distance correction (min. 8m)	2	2	2	2	2	2	2	2	
Correction due to time on (10%)	-10	-10	-10	-10	-10	-10	-10	-10	
Attenuation provided by portable acoustic barrier system	-8	-8	-8	-8	-10	-8	-10	-10	
Total	47	-8 49	-8 49	-0 50	-8 49	-8 53	-8 48	-0 45	57
10101	47	49	49	30	43	55	40	45	57
Delivery Vehicle with lifting arm (Sound Processes Level at 10m)	81	78	76	74	72	69	64	56	
Delivery Vehicle with lifting arm (Sound Pressure Level at 10m) Distance correction (min. 4m)	8	8	8	8	8	8	8	8	
Correction due to on- time (3%)	。 -15	。 -15	。 -15	。 -15	ہ 15-	。 -15	。 -15	。 -15	
Total	-13 74	-15 71	-15 69	-13 67	-15 65	-13 62	-13 57	-13 49	70
10101	/4	/1	05	07	05	02	57	45	70
Predicted Daily Airborne Noise Level, dB L _{Aeq.10h} at the nearest sensitive façade	74	71	69	67	65	63	60	55	71
Windows + doors installation									
Cordless Drill Hilti SFH 22-A (Sound Pressure Level at 10m)	63	65	65	66	65	69	64	61	
Distance correction (min. 8m)	2	2	2	2	2	2	2	2	
Correction due to time on (50%)	-3	-3	-3	-3	-3	-3	-3	-3	
Attenuation provided by portable acoustic barrier system	-7	-7	-7	-7	-7	-7	-7	-7	
Total	55	57	57	58	57	61	56	53	65
Della seconda da									
Delivery vehicle	01	70	70	74	70	<u> </u>	64	F.C.	
Delivery Vehicle with lifting arm (Sound Pressure Level at 10m)	81	78	76	74	72	69	64	56	
Distance correction (min. 8m)	2	2	2	2	2	2	2	2	
Correction due to on- time (20%)	-7	-7 -7	-7 7	-7 7	-7	-7	-7	-7	
	7	-/	-7	-7	-7 60	-7 57	-7	-7	65
Attenuation provided by portable acoustic barrier system	-7		61			57	52	44	65
Attenuation provided by portable acoustic barrier system Total	-7 69	66	64	62					
	69	66							
			64 65	62	62	62	57	53	68
Total	69	66				62	57	53	68
Total Predicted Daily Airborne Noise Level, dB L _{Aeq,10h} at the nearest sensitive façade Service Installation	69	66				62	57	53	68
Total Predicted Daily Airborne Noise Level, dB L _{Aeq.10h} at the nearest sensitive façade	69	66				62	57	53	68
<i>Total</i> Predicted Daily Airborne Noise Level, dB L _{Aeq,10h} at the nearest sensitive façade Service Installation	69	66				62 70	57 74	53 69	68
Total Predicted Daily Airborne Noise Level, dB L _{Aeq.10h} at the nearest sensitive façade Service Installation Electrical wiring installation, plumbing pipework and equipment installation	<i>69</i> 69	66	65	63	62				68

APPENDIX B2 (Cont.)

20-21 King's Mews, Holborn, London

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Attenuation provided by the building envelope Total	-7 60	-9 64	-10 65	-12 60	-15 54	-18 50	-18 54	-20 47	62
Cordless Drill Hilti SFH 22-A (Sound Pressure Level at 10m) Distance correction (min. 8m)	63 2	65 2	65 2	66 2	65 2	69 2	64 2	61 2	
Correction due to time on (40%)	-4	-4	-4	-4	-4	-4	-4	-4	
Attenuation provided by the building envelope	-10	-12	-15	-17	-20	-23	-27	-27	
Total	51	51	48	47	43	44	35	32	50
Predicted Daily Airborne Noise Level, dB $L_{Aeq,10h}$ at the nearest sensitive façade	61	64	65	60	54	51	54	47	63
Stairs installation									
Installing prefabricated stairs	60	75	77	74	71	70	74	60	
Handheld circular skill saw: Makita HS7601 110V (Sound Pressure Level at 10m) Distance correction (min. 8m)	69 2	2	2	74 2	71 2	70 2	74 2	69 2	
Correction due to on- time on (50%)	-3	-3	-3	-3	-3	-3	-3	-3	
Attenuation provided by the building envelope	-10	-12	-15	-17	-20	-23	-27	-27	
Total	58	62	61	56	50	46	46	41	58
Cordless Drill Hilti SFH 22-A (Sound Pressure Level at 10m)	63	65	65	66	65	69	64	61	
Distance correction (min. 8m)	2	2	2	2	2	2	2	2	
Correction due to time on (50%) Attenuation provided by the building envelope	-3 -10	-3 -12	-3 -15	-3 -17	-3 -20	-3 -23	-3 -27	-3 -27	
Total	52	-12 52	-13 49	-17 48	-20 44	-25 45	-27 36	-27 33	51
Delivery Vehicle with lifting arm (Sound Pressure Level at 10m)	81	78	76	74	72	69	64	56	
Distance correction (min. 4m)	8	8	8	8	8	8	8	8	
Correction due to time on (3%)	-15	-15	-15	-15	-15	-15	-15	-15	
Total	74	71	69	67	65	62	57	49	70
Predicted Daily Airborne Noise Level, dB $L_{Aeq,10h}$ at the nearest sensitive façade	74	71	69	67	65	62	57	50	70
Wall and floor finishes									
Handheld circular skill saw: Makita HS7601 110V (Sound Pressure Level at 10m)	69	75	77	74	71	70	74	69	
Distance correction (min. 8m)	2	2	2	2	2	2	2	2	
Correction due to on- time on (25%)	-6	-6	-6	-6	-6	-6	-6	-6	
Attenuation provided by the building envelope Total	-10 55	-12 59	-15 58	-17 53	-20 47	-23 43	-27 43	-27 38	55
Cordless Drill Hilti SFH 22-A (Sound Pressure Level at 10m)	63	65	65	66	65	69	64	61	
Distance correction (min. 8m)	2	2	2	2	2	2	2	2	
Correction due to time on (25%)	-6	-6	-6	-6	-6	-6	-6	-6	
Attenuation provided by the building envelope Total	-10 49	-12 49	-15 46	-17 45	-20 41	-23 42	-27 33	-27 30	48
	56	59	58	54	48	46	43	39	56
Predicted Daily Airborne Noise Level, dB $L_{Aeq,10h}$ at the nearest sensitive façade									
Furniture fitting Handheld circular skill saw: Makita HS7601 110V (Sound Pressure Level at 10m)	69	75	77	74	71	70	74	69	
Distance correction (min. 8m)	2	2	2	74 2	2	2	74 2	2	
Correction due to on- time on (20%)	-7	-7	-7	-7	-7	-7	-7	-7	
Attenuation provided by the building envelope	-10	-12	-15	-17	-20	-23	-27	-27	
Total	54	58	57	52	46	42	42	37	54
Cordless Drill Hilti SFH 22-A (Sound Pressure Level at 10m)	63	65	65	66	65	69	64	61	
Distance correction (min. 8m)	2	2	2	2	2	2	2	2	
Correction due to time on (20%) Attenuation provided by the building envelope	-7 -10	-7 -12	-7 -15	-7 -17	-7 -20	-7 -23	-7 -27	-7 -27	
Attenuation provided by the building envelope Total	-10 48	-12 48	-15 45	-17 44	-20 40	-23 41	-27 32	-27 29	47
Delivery vehicles (Sound Pressure Level)	73	78	78	78	74	73	68	66	
								-	
							20		

APPENDIX B2 (Cont.)

20-21 King's Mews, Holborn, London

Correction due to time on (3%) Total	-15 66	-15 71	-15 71	-15 71	-15 67	-15 66	-15 61	-15 59	73
Predicted Daily Airborne Noise Level, dB $L_{Aeq,10h}$ at the nearest sensitive façade	66	71	71	71	67	66	61	59	73
Decoration									
handheld sanders Makita BO 4556 (Sound Pressure Level at 10m) Distance correction (min. 8m) Correction due to on- time on (20%) Attenuation provided by the building envelope Total	57 2 -7 -10 42	51 2 -7 -12 34	52 2 -7 -15 32	60 2 -7 -17 38	70 2 -7 -20 45	77 2 -7 -23 49	73 2 -7 -27 41	73 2 -7 -27 41	52
Predicted Daily Airborne Noise Level, dB L _{Aeq,10h} at the nearest sensitive façade	42	34	32	38	45	49	41	41	52
Site clearance and cleaning									
Desmountling hoardind , general builders cleaning									
Cordless Drill Hilti SFH 22-A (Sound Pressure Level at 10m)	63	65	65	66	65	69	64	61	
Distance correction (min. 8m)	2	2	2	2	2	2	2	2	
Correction due to time on (40%)	-4	-4	-4	-4	-4	-4	-4	-4	
Attenuation provided by the building envelope	-10	-12	-15	-17	-20	-23	-27	-27	
Total	51	51	48	47	43	44	35	32	50
Dust hoover Makita 4461(Sound Pressure Level at 10m)	65	65	67	67	63	57	55	51	
Distance correction (min. 8m)	2	2	2	2	2	2	2	2	
Correction due to time on (40%)	-4	-4	-4	-4	-4	-4	-4	-4	
Attenuation provided by the building envelope	-10	-12	-15	-17	-20	-23	-27	-27	
Total	53	51	50	48	41	32	26	22	48
Predicted Daily Airborne Noise Level, dB L _{Aee.10h} at the nearest sensitive façade	55	54	52	51	45	44	36	32	52