APPENDIX B3

20-21 King's Mews, Holborn, London

Source: Demolition/Construction Site			E	requen	CV H7				1
Receiver: Rear Nearest Noise Sensitive façade - No. 1 Northington Street	63	125	250	500	1k	2k	4k	8k	dB(A)
Site set-up			200					54	
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. 4m)	8	8	8	8	8	8	8	8	
Correction due to on- time on (45%)	-3	-3	-3	-3	-3	-3	-3	-3	
Attenuation provided by the building envelope	-7	-9	-12	-14	-17	-20	-20	-20	
Total	63	61	60	58	50	51	39	35	59
China ta anna da tha anna an dian tha stiann									
Skip Lorry delivery and collection	72	78	70	70	74	72	60	66	
Delivery vehicles (Sound Pressure Level at 10m)	73 -28	-28	78 -28	78 -28	74 -28	73 -28	68 -28	66 -28	
Distance correction (min. 24m) Correction due to on- time (4%)	-28	-28 -14	-28 -14	-20 -14	-28	-28 -14	-28 -14	-28 -14	
Attenuation provided by the building envelope	-14 -10	-14	-14 -15	-14 -19	-14 -23	-14	-14 -35	-14 -36	
Total	-10 21	-12 24	-15 21	-19 17	-23 9	-23 6	-33 -9	-30 -12	18
10101	21	24	21	17	5	U	-9	-12	10
Predicted Daily Airborne Noise Level, dB L _{Aeg.10h} at the nearest sensitive façade	64	62	61	59	51	52	40	36	59
Aedi'tali	• •								
Demolition phase									
Hand-held pneumatic breaker (Sound Pressure Level at 10m)	83	83	81	74	73	76	78	77	
Distance correction (min. 4m)	8	8	8	8	8	8	8	8	
Correction due to on- time (50%)	-3	-3	-3	-3	-3	-3	-3	-3	
Attenuation provided by the building envelope	-7	-9	-12	-14	-17	-20	-20	-20	
Total	81	79	74	65	61	61	63	62	71
Skip Lorry delivery and collection									
Delivery vehicles (Sound Pressure Level at 10m)	73	78	78	78	74	73	68	66	
Distance correction (min. 24m)	-28	-28	-28	-28	-28	-28	-28	-28	
Correction due to on- time (5%)	-14	-14	-14	-14	-14	-14	-14	-14	
Attenuation provided by the building envelope	-10	-12	-15	-19	-23	-25	-35	-36	
Total	31	36	36	36	32	31	26	24	38
Predicted Daily Airborne Noise Level, dB L _{Aea.10h} at the nearest sensitive façade	81	79	74	65	61	61	63	62	71
Aeq,100					-	-			
Construction of new house, demolition									
Excavating Basement Fundation, Concreting, Building new walls									
Hand-held pneumatic breaker (Sound Pressure Level at 10m)	83	83	81	74	73	76	78	77	
Distance correction (min. 4m)	8	8	8	8	8	8	8	8	
Correction due to on- time (40%)	-4	-4	-4	-4	-4	-4	-4	-4	
Attenuation provided by the building envelope	-7	-9	-12	-14	-17	-20	-20	-20	
Total	80	78	73	64	60	60	62	61	70
Cordless Drill (Sound Prossure Loyal at 10m)	62	C.F.	C.F.	66	C.F.	60	64	61	
Cordless Drill (Sound Pressure Level at 10m) Distance correction (min. 4m)	63 8	65 8	65 8	66 8	65 8	69 8	64 8	61 8	
Correction due to time on (20%)	-7	-7	-7	-7	-7	-7	-7	-7	
Attenuation provided by the building envelope	-7	-9	-12	-14	-17	-20	-20	-20	
Total	, 57	57	54	53	49	50	45	42	56
1000	57	57	54	55	45	50	45	72	50
8 wheel ready mix concrete truck - Volvo FMX420 8x4 Concrete Mixer (Sound									
Pressure Level at 10m)	81	71	63	63	67	75	60	55	
Distance correction (min. 24m)	-28	-28	-28	-28	-28	-28	-28	-28	
		-12	-15	-19	-23	-25	-35		
Attenuation provided by the building envelope	-10					-16	-16	-16	
	-10 -16	-16	-16	-16	-16				
Attenuation provided by the building envelope			-16 4	-16 0	-16 0	6	-19		10
Attenuation provided by the building envelope Correction due to on- time on (2.5%)	-16	-16							10
Attenuation provided by the building envelope Correction due to on- time on (2.5%) <i>Total</i> Pumping concrete	-16 27	-16 15	4	0	0	6	-19	-25	10
Attenuation provided by the building envelope Correction due to on- time on (2.5%) Total Pumping concrete Towed concrete pump - Schwing BP 550HD-18 (Sound Pressure Level at 10m)	-16 27 84	-16 15 76	4 70	0 71	0 73	6 73	- 19 66	-25 58	10
Attenuation provided by the building envelope Correction due to on- time on (2.5%) <i>Total</i> Pumping concrete Towed concrete pump - Schwing BP 550HD-18 (Sound Pressure Level at 10m) Distance correction (min. 24m)	-16 27 84 -28	-16 15 76 -28	4 70 -28	0 71 -28	0 73 -28	6 73 -28	-19 66 -28	- 25 58 -28	10
Attenuation provided by the building envelope 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. 24m) Attenuation provided by the building envelope	-16 27 84 -28 -10	-16 15 76 -28 -12	4 70 -28 -15	0 71 -28 -19	0 73 -28 -23	6 73 -28 -25	- 19 66 -28 -35	-25 58 -28 -36	10
Attenuation provided by the building envelope Correction due to on- time on (2.5%) <i>Total</i> Pumping concrete Towed concrete pump - Schwing BP 550HD-18 (Sound Pressure Level at 10m) Distance correction (min. 24m)	-16 27 84 -28	-16 15 76 -28	4 70 -28	0 71 -28	0 73 -28	6 73 -28	-19 66 -28	-25 58 -28 -36 -16	10

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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. 24m)	-28	-28	-28	-28	-28	-28	-28	-28	
Correction due to on- time (3%)	-15 -10	-15 -12	-15 -15	-15 -19	-15 -23	-15 -25	-15	-15	
Attenuation provided by the building envelope Total	-10 20	-12 23	-15 20	-19 16	-23 8	-25 5	-35 -10	-36 -13	17
	20	25	20	10	0	3	-10	-15	17
Predicted Daily Airborne Noise Level, dB $L_{Aeq,10h}$ at the nearest sensitive façade	80	78	73	64	60	60	62	61	71
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. 4m)	8	8	8	8	8	8	8	8	
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	57	63	65	62	59	58	62	57	68
Cordless Drill Hilti SFH 22-A (Sound Pressure Level at 10m)	63	65	65	66	65	69	64	61	
Distance correction (min. 4m)	8	8	8	8	8	8	8	8	
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	55	57	57	58	57	61	56	53	65
Paslode pneumatic gun IM350 (Sound Pressure Level at 10m)	63	65	65	66	65	69	64	61	
Distance correction (min. 4m)	8	8	8	8	8	8	8	8	
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	-8	-8	-8	-8	
Total	53	55	55	56	55	59	54	51	63
Delivery Vehicle with lifting arm (Sound Pressure Level at 10m)	81	78	76	74	72	69	64	56	
Distance correction (min. 24m)	-28	-28	-28	-28	-28	-28	-28	-28	
Correction due to on- time (3%)	-15	-15	-15	-15	-15	-15	-15	-15	
Attenuation provided by the building envelope	-10	-12	-15	-19	-23	-25	-35	-36	
Total	28	23	18	12	6	1	-14	-23	15
Predicted Daily Airborne Noise Level, dB L _{Aeq.10h} at the nearest sensitive façade	60	65	66	64	62	64	64	59	70
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. 4m)	8	8	8	8	8	8	8	8	
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	61	63	63	64	63	67	62	59	71
Delivery vehicle									
Delivery Vehicle with lifting arm (Sound Pressure Level at 10m)	81	78	76	74	72	69	64	56	
Distance correction (min. 24m)	-28	-28	-28	-28	-28	-28	-28	-28	
Correction due to on- time (20%)	-7 10	-7 12	-7 15	-7 10	-7 22	-7 25	-7 25	-7 26	
Attenuation provided by the building envelope Total	-10 36	-12 31	-15 26	-19 20	-23 14	-25 9	-35 -6	-36 -15	23
10101	50	51	20	20	14	9	-0	-15	25
Predicted Daily Airborne Noise Level, dB $L_{Aeq,10h}$ at the nearest sensitive façade	61	63	63	64	63	67	62	59	71
Service Installation									
Electrical wiring installation, plumbing pipework and equipment installation									
								C 2	
Handheld circular skill saw: Makita HS7601 110V (Sound Pressure Level at 10m)	69	75	77	74	71	70	74	69	
Distance correction (min. 4m) Correction due to on- time on (40%)	8	8	8	8	8	8	8	8	
	-4	-4	-4	-4	-4	-4	-4	-4	

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Furniture fitting 69 75 77 74 71 70 74 69 Handheld circular skill saw: Makita HS7601 110V (Sound Pressure Level at 10m) 69 75 77 74 71 70 74 69 Distance correction (min. 4m) 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 7 77 <th></th> <th>1</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>		1								
Total Factor Factor </td <td>Attenuation provided by the building envelope</td> <td>-7</td> <td>-9</td> <td>-10</td> <td>-12</td> <td>-15</td> <td>-18</td> <td>-18</td> <td>-20</td> <td></td>	Attenuation provided by the building envelope	-7	-9	-10	-12	-15	-18	-18	-20	
Cordiess Drill Hilti SH 22-A (Sound Pressure Level at 10m) 5 6 5 5 6 6 5 6 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td>68</td>									-	68
Dictance correction (min. 4m) 8										
Correction due to time on (40%) Attenuation provided by the building envelope -4	Cordless Drill Hilti SFH 22-A (Sound Pressure Level at 10m)	63	65	65	66	65	69	64	61	
Attenuation provided by the building envelope 70 90 12 14 17 20 20 20 20 Predicted Daily Airborne Noise Level, AB Low to an intermation of the building envelope 67 70	Distance correction (min. 4m)	8	8	8	8	8	8	8	8	
Total 60 60 57 56 52 53 48 49 Predicted Data Actions House Level at Law and a transmission of transmissicon of transmissicon of transmission of transmissio						-4				
Predicted Daily Airborne Noise Level, dB L _{backton} at the nearest sensitive façade 67 70 71 66 61 58 60 54 69 Stairs installation Installing prefabricated stairs Handheld circular skill saw: Makita HS7601 110V (Sound Pressure Level at 10m) Distance correction (min. 4m) Correction due to on-time on (50%) Attenuation provided by the building envelope Total 69 75 77 74 71 70 74 69 8 </td <td></td>										
Predicted Daily Airborne Noise Level, dB L _{Aecusin} at the nearest sensitive façade Stairs installation	Total	60	60	57	56	52	53	48	45	59
Predicted Daily Airborne Noise Level, dB L _{Aecusin} at the nearest sensitive façade Stairs installation		67	70	74		64	50	C0	54	60
nataling prefabricated statis view view view view view view view view	Predicted Daily Airborne Noise Level, dB $L_{Aeq,10h}$ at the nearest sensitive façade	67	70	/1	66	61	58	60	54	69
Handhei, dircular skil aw: Makita HS7601 110V (Sound Pressure Level at 10m) 69 75 77 74 74 70 74 69 Distance correction (min. 4m) 67 77 74 74 73 73 74 74 70 74 69 74 70 74 73 73 73 73 73 73 73 73 73 73 73 73 73 73 73 73 73 73 73 74 74 74 74 75 74 74 74 75 74 75 <td>Stairs installation</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Stairs installation									
Distance correction (min. 4m) 8 <t< td=""><td>Installing prefabricated stairs</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	Installing prefabricated stairs									
Correction due to on- time on (50%) -3	Handheld circular skill saw: Makita HS7601 110V (Sound Pressure Level at 10m)	69	75	77	74	71	70	74	69	
Attenuation provided by the building envelope 7 9 71 70	Distance correction (min. 4m)	8	8	8	8	8	8	8	8	
Total 67 71 70 65 59 54 67 Cordless Drill Hilti SFH 22-A (Sound Pressure Level at 10m) 63 65 66 65 69 64 61 Distance correction (min. Am) Cordless Drill Hilti SFH 22-A (Sound Pressure Level at 10m) 81 7 7 9 12 14 17 20 20 20 60 Delivery Uehicle with lifting arm (Sound Pressure Level at 10m) 81 78 76 71 72 69 64 50 64 50 64 50 64 50 64 50 64 50 64 50 64 50 64 50 53 54 49 46 50 51 55 55 57 53 54 50 65 60 51 55 </td <td>Correction due to on- time on (50%)</td> <td>-3</td> <td>-3</td> <td>-3</td> <td>-3</td> <td>-3</td> <td>-3</td> <td>-3</td> <td>-3</td> <td></td>	Correction due to on- time on (50%)	-3	-3	-3	-3	-3	-3	-3	-3	
Cordiess Drill Hilti SFH 22-A (Sound Pressure Level at 10m) 63 65 64 65 69 64 61 Sourcetion due to time on (S0%)	Attenuation provided by the building envelope	-7	-9	-12	-14	-17	-20	-20	-20	
Distance correction (min. 4m) 8 7 70<	Total	67	71	70	65	59	55	59	54	67
Distance correction (min. 4m) 8 7 70<	Cordless Drill Hilti SFH 22-A (Sound Pressure Level at 10m)	63	65	65	66	65	69	64	61	
Correction due to time on (50%) -3 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td>									-	
Attenuation provided by the building envelope -7 -9 -12 -14 -17 -20 -20 -20 Total 61 61 61 61 61 61 57 53 54 49 60 Delivery Vehicle with lifting arm (Sound Pressure Level at 10m) 81 78										
Total 61 61 58 57 53 54 49 46 60 Delivery Vehicle with lifting arm (Sound Pressure Level at 10m) 81 78 76 74 72 69 64 55 Correction due to time on (3%) -28 </td <td></td>										
Distance correction (min. 24m) -28 -35 -35 -15 -15 -15 -15 -15 -15 -15 -15 -16 12 -28 -28 -28 -28 -38										60
Distance correction (min. 24m) -28 -35 -35 -15 -15 -15 -15 -15 -15 -15 -15 -16 12 -28 -28 -28 -28 -38		01	70	70	74	70	60	C A	50	
Gorrection due to time on (3%) Attenuation provided by the building envelope -15 15 -15 15 -15 16		-								
Attenuation provided by the building envelope -10 -12 -12 -13 -19 -23 -25 -35 -36 -35 Total 18 18 12 6 1 -14 -23 15 Predicted Daily Airborne Noise Level, dB L _{Aecubb} , at the nearest sensitive face 68 71 70 66 60 58 59 56 68 Wall and floor finishes -5 77 74 71 70 74 69 75 77 74 71 70 74 69 66	. ,	_								
Total 28 23 18 12 6 1 -14 -23 15 Predicted Dally Airborne Noise Level, dB L _{Ace,10h} at the nearest sensitive faced 68 71 70 66 60 58 59 55 68 Wall and floor finishes 69 75 77 74 71 70 74 69 75 77 74 71 70 74 69 75 77 74 71 70 74 69 75 77 74 71 70 74 69 75 77 74 71 70 74 69 75 77 74 71 70 74 69 75 77 74 71 70 74 69 75 77 74 71 70 74 69 75 77 74 71 70 74 8 <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td>		-							-	
Predicted Daily Airborne Noise Level, dB L _{Ace, 10h} at the nearest sensitive façade 68 71 70 66 60 58 59 55 68 Wall and floor finishes		-								15
Predicted Daily Airborne Noise Level, dB L _{Aeq.10h} at the nearest sensitive façade Wall and floor finishes Handheld circular skill saw: Makita HS7601 110V (Sound Pressure Level at 10m) 8 8	10101	20	25	10	12	U	1	-14	-25	15
Wail 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. 4m) 8	Predicted Daily Airborne Noise Level, dB Langue at the nearest sensitive facade	68	71	70	66	60	58	59	55	68
Handheld circular skill saw: Makita HS7601 110V (Sound Pressure Level at 10m) 69 75 77 74 71 70 74 69 Distance correction (mi. 4m) 8 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>										
Distance correction (min. 4m) 8 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>										
Correction due to on time on (25%) -6 64<	· · · · ·									
Attenuation provided by the building envelope -7 -9 -12 -14 -17 -20 -20 -20 Total 64 68 67 62 56 52 56 51 64 Cordless Drill Hilti SFH 22-A (Sound Pressure Level at 10m) 63 65 65 66 65 69 64 61 Distance correction (min. 4m) 8 7 70 71 70 72 70 77 74 71 70 74 71 70 74 71 70 77 77 77 77 77 77 77 77 77 77 77 77 <t< td=""><td></td><td>-</td><td></td><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td></t<>		-							-	
Total 64 68 67 62 56 52 56 51 64 Cordless Drill Hilti SFH 22-A (Sound Pressure Level at 10m) 63 65 65 66 65 69 64 61 Distance correction (min. 4m) 63 65 65 66 65 69 64 61 Scorrection due to time on (25%) 7 -6 <td></td>										
Cordless Drill Hilti SFH 22-A (Sound Pressure Level at 10m) 63 65 65 66 65 69 64 61 Distance correction (min. 4m) 8 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td></t<>									-	
Distance correction (min. 4m) 8 <t< td=""><td>Total</td><td>64</td><td>68</td><td>67</td><td>62</td><td>56</td><td>52</td><td>56</td><td>51</td><td>64</td></t<>	Total	64	68	67	62	56	52	56	51	64
Correction due to time on (25%) Attenuation provided by the building envelope -6 -7 -7 -7 -7	Cordless Drill Hilti SFH 22-A (Sound Pressure Level at 10m)	63	65	65	66	65	69	64	61	
Attenuation provided by the building envelope -7 -9 -12 -14 -17 -20 -20 -20 57 Total 58 58 55 54 50 51 46 43 57 Predicted Daily Airborne Noise Level, dB L _{Aeq.10h} at the nearest sensitive façade 65 68 67 63 57 55 56 52 65 Furniture fitting -20 -20 -20 -20 -20 58 55 54 50 51 46 43 57 55 56 52 65 66 67 63 57 75 55 56 52 65 65 66 67 77 74 71 70 74 69 75 77 74 71 70 74 69 8 50 70	Distance correction (min. 4m)	8	8	8	8	8	8	8	8	
Total 58 58 55 54 50 51 46 43 57 Predicted Daily Airborne Noise Level, dB L _{Aeq.10h} at the nearest sensitive façade 65 68 67 63 57 55 56 52 65 Furniture fitting 69 75 77 74 71 70 74 69 8	Correction due to time on (25%)	-6	-6	-6	-6	-6	-6	-6	-6	
Image: Predicted Daily Airborne Noise Level, dB L _{Aea.10h} at the nearest sensitive façade 65 68 67 63 57 55 56 52 65 Furniture fitting 69 75 77 74 71 70 74 69 Bandheld circular skill saw: Makita HS7601 110V (Sound Pressure Level at 10m) 69 75 77 74 71 70 74 69 Correction due to on- time on (20%) 77 74 77 77 77 74 71 70 74 69 Attenuation provided by the building envelope 77 79 72 77 74 71 70 74 69 Cordless Drill Hilti SFH 22-A (Sound Pressure Level at 10m) 63 65 65 66 65 69 64 61 Distance correction (min. 4m) 63 65 65 66 65 69 64 61 Cordless Drill Hilti SFH 22-A (Sound Pressure Level at 10m) 63 65 65 66 65 69 64 61 Distance correction (min. 4m) 70 7 7 7 </td <td>Attenuation provided by the building envelope</td> <td>-7</td> <td>-9</td> <td>-12</td> <td>-14</td> <td>-17</td> <td>-20</td> <td>-20</td> <td>-20</td> <td></td>	Attenuation provided by the building envelope	-7	-9	-12	-14	-17	-20	-20	-20	
Predicted Daily Airborne Noise Level, dB L _{Aeq,10h} at the nearest sensitive façade Furniture fitting Fu	Total	58	58	55	54	50	51	46	43	57
Predicted Daily Airborne Noise Level, dB L _{Aeq,10h} at the nearest sensitive façade Furniture fitting Fu		65	68	67	63	57	55	56	52	65
Handheld circular skill saw: Makita HS7601 110V (Sound Pressure Level at 10m) 69 75 77 74 71 70 74 69 Distance correction (min. 4m) 8 <	Predicted Daily Airborne Noise Level, dB $L_{Aeq,10h}$ at the nearest sensitive façade		50	57	33	5,	55		52	
Handheld circular skill saw: Makita HS7601 110V (Sound Pressure Level at 10m) 69 75 77 74 71 70 74 69 Distance correction (min. 4m) 8 <	Furniture fitting									
Distance correction (min. 4m) 8 <t< td=""><td>-</td><td>69</td><td>75</td><td>77</td><td>74</td><td>71</td><td>70</td><td>74</td><td>69</td><td></td></t<>	-	69	75	77	74	71	70	74	69	
Attenuation provided by the building envelope -7 -9 -12 -14 -17 -20 -20 -20 Total 63 67 66 61 55 51 55 50 64 Cordless Drill Hilti SFH 22-A (Sound Pressure Level at 10m) 63 65 65 66 65 69 64 61 Distance correction (min. 4m) 8 7 7 7 7 7 7 7 7 7 7 7	. ,	8	8	8	8	8	8	8	8	
Total 63 67 66 61 55 51 55 50 64 Cordless Drill Hilti SFH 22-A (Sound Pressure Level at 10m) 63 65 65 66 65 69 64 61 55 50 64 Distance correction (min. 4m) 8 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 <	Correction due to on- time on (20%)	-7	-7	-7	-7	-7	-7	-7	-7	
Cordless Drill Hilti SFH 22-A (Sound Pressure Level at 10m) 63 65 65 66 69 64 61 Distance correction (min. 4m) 8 7 -7 </td <td>Attenuation provided by the building envelope</td> <td>-7</td> <td>-9</td> <td>-12</td> <td>-14</td> <td>-17</td> <td>-20</td> <td>-20</td> <td>-20</td> <td></td>	Attenuation provided by the building envelope	-7	-9	-12	-14	-17	-20	-20	-20	
Distance correction (min. 4m) 8 7 <th7< td=""><td>Total</td><td>63</td><td>67</td><td>66</td><td>61</td><td>55</td><td>51</td><td>55</td><td>50</td><td>64</td></th7<>	Total	63	67	66	61	55	51	55	50	64
Distance correction (min. 4m) 8 7 <th7< td=""><td>Cordless Drill Hilti SFH 22-A (Sound Pressure Level at 10m)</td><td>63</td><td>65</td><td>65</td><td>66</td><td>65</td><td>69</td><td>64</td><td>61</td><td></td></th7<>	Cordless Drill Hilti SFH 22-A (Sound Pressure Level at 10m)	63	65	65	66	65	69	64	61	
Correction due to time on (20%) -7 -7 -7 -7 -7 -7 -7 -7										
	Attenuation provided by the building envelope						-20			

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Total	57	57	54	53	49	50	45	42	56
Delivery vehicles (Sound Pressure Level)	73	78	78	78	74	73	68	66	
Distance correction (min. 24m)	-28	-28	-28	-28	-28	-28	-28	-28	
Correction due to time on (3%)	-15	-15	-15	-15	-15	-15	-15	-15	
Attenuation provided by the building envelope	-10	-12	-15	-19	-23	-25	-35	-36	
Total	20	23	20	16	8	5	-10	-13	17
Predicted Daily Airborne Noise Level, dB $L_{Aeq,10h}$ at the nearest sensitive façade	57	57	54	53	49	50	45	42	56
Decoration									
Handheld sanders Makita BO 4556 (Sound Pressure Level at 10m)	57	51	52	60	70	77	73	73	
Distance correction (min. 4m)	8	8	8	8	8	8	8	8	
Correction due to on- time on (20%)	-7	-7	-7	-7	-7	-7	-7	-7	
Attenuation provided by the building envelope	-7	-9	-12	-14	-17	-20	-20	-20	
Total	51	43	41	47	54	58	54	54	62
Predicted Daily Airborne Noise Level, dB L _{Aeq.10h} at the nearest sensitive façade	51	43	41	47	54	58	54	54	62
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. 4m)	8	8	8	8	8	8	8	8	
Correction due to time on (40%)	-4	-4	-4	-4	-4	-4	-4	-4	
Attenuation provided by the building envelope	-7	-9	-12	-14	-17	-20	-20	-20	
Total	60	60	57	56	52	53	48	45	59
Dust hoover Makita 4461(Sound Pressure Level at 10m)	65	65	67	67	63	57	55	51	
Distance correction (min. 4m)	8	8	8	8	8	8	8	8	
Correction due to time on (40%)	-4	-4	-4	-4	-4	-4	-4	-4	
Attenuation provided by the building envelope	-7	-9	-12	-14	-17	-20	-20	-20	
Total	62	60	59	57	50	41	39	35	57
Predicted Daily Airborne Noise Level, dB L _{Aeq,10h} at the nearest sensitive façade	64	63	61	60	54	53	49	45	61