Appendix 4.6

Noise Calculation Details for the SWIP Operations

NOISE CALCULATION DETAILS FOR THE SWIP OPERATIONS

Table 4.6.1 Detailed Daytime Calculation Results

Noise prediction										
SWIP Operations	Setting: Copy from "Reference Setting"	**Day**								
IPKT	IPKT: Name	IPKT: x /m	IPKT: y /m	Lr(IP) /dB(A)						
IPkt017	46 Rochdale Road 5 GF S/W	405292.4	422942	28.75						
ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
EZQi001	Chimney Opening	74.1	0	52.39	0.09	-3	0	0	4.42	0
EZQi005	Vent Opening	71.81	0	53.15	0.04	-3.17	0	0	14.39	0
ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
FLQi044	SWIP Building/NW Wall									
		69.95	0	52.27	0.08	-3	0	0	7.11	0
FLQi045	SWIP Building/NE Wall									
		73.98	0	52.95	0.05	-3.1	0	0	18.86	0
FLQi046	SWIP Building/SE#1 Wall									
		53.74	0	53.57	0.03	-3.68	0	0	16.74	0
FLQi047	SWIP Building/SW#3 Wall									
		54.14	0	53.53	0.03	-3.34	0	0	14.33	0
FLQi048	SWIP Building/SE#2 Wall									
		38.3	0	53.5	0.03	-3.86	0	0	13.44	0
FLQi049	SWIP Building/SW#2 Wall									

		66.38	0	53.19	0.05	-3.18	0	0	16.11	0
FLQi050	SWIP Building/SE#3 Wall									
		50.53	0	52.77	0.03	-3.03	0	0	17.29	0
FLQi051	SWIP Building/SW#1 Wall									
		67.82	0	52.53	0.09	-3.01	0	0	5.91	0
FLQi052	SWIP Building/Roof									
		81.01	0	52.86	0.08	-3	0	0	4.56	0
FLQi056	Chimney/Wall1									
		60.65	0	52.4	0.03	-3	0	0	4.14	0
FLQi057	Chimney/Wall2									
		60.65	0	52.4	0.03	-3	0	0	4.14	0
FLQi058	Chimney/Wall3									
		60.65	0	52.39	0.03	-3	0	0	4.14	0
FLQi059	Chimney/Wall4									
		60.65	0	52.39	0.03	-3	0	0	4.14	0
FLQi060	Chimney/Wall5									
		60.65	0	52.39	0.03	-3	0	0	4.14	0
FLQi061	Chimney/Wall6									
		60.65	0	52.39	0.03	-3	0	0	4.14	0
FLQi062	Chimney/Wall7									
		60.65	0	52.4	0.03	-3	0	0	4.14	0
FLQi063	Chimney/Wall8									
		60.65	0	52.4	0.03	-3	0	0	4.14	0
FLQi064	Chimney/Wall9									
		60.65	0	52.41	0.03	-3	0	0	4.14	0
FLQi065	Chimney/Wall10									
		60.65	0	52.41	0.03	-3	0	0	4.14	0
FLQi066	Chimney/Wall11									
		60.65	0	52.42	0.03	-3	0	0	4.14	0

FLQi067	Chimney/Wall12									
		60.65	0		52.42	0.03	-3	0	0	4.72	0
FLQi068	Chimney/Wall13									
		60.65	0		52.42	0.03	-3	0	0	5.21	0
FLQi069	Chimney/Wall14									
		60.65	0		52.42	0.03	-3	0	0	4.91	0
FLQi070	Chimney/Wall15									
		60.65	0		52.41	0.03	-3	0	0	4.14	0
FLQi071	Chimney/Wall16									
		60.65	0		52.41	0.03	-3	0	0	4.14	0

BS 5228	Laeq = Lwa,T - Kh - K* + Afac | K* = max(Ks-Kh, Ascr)									
Element	Label	LwA,T		Kh	Ks-Kh	Ascr	K*	Afac		
		/dB(A)	/m	/dB	/dB	/dB	/dB	/dB	/dB	
HAUL009	Wheeled Loader to/fr	78.74		49.74			6.81	0		

IPKT	IPKT: Name	IPKT: x /m	IPKT: y /m	Lr(IP) /dB(A)						
IPkt018	46 Rochdale Road 5 UF1S/W	405292.4	422942	30.13						

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
EZQi001	Chimney Opening	74.1	0	52.41	0.09	-3	0	0	4	0
EZQi005	Vent Opening	71.81	0	53.18	0.04	-3	0	0	13.34	0

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB

FLQi044	SWIP Building/NW Wall									
		69.95	0	52.3	0.07	-3	0	0	6.43	0
FLQi045	SWIP Building/NE Wall									
		73.98	0	52.99	0.05	-3	0	0	17.01	0
FLQi046	SWIP Building/SE#1 Wall									
		53.74	0	53.59	0.03	-3	0	0	15.81	0
FLQi047	SWIP Building/SW#3 Wall									
		54.14	0	53.55	0.03	-3	0	0	13.16	0
FLQi048	SWIP Building/SE#2 Wall									
		38.3	0	53.52	0.03	-3	0	0	12.94	0
FLQi049	SWIP Building/SW#2 Wall									
		66.38	0	53.22	0.05	-3	0	0	14.37	0
FLQi050	SWIP Building/SE#3 Wall									
		50.53	0	52.81	0.03	-3	0	0	13.77	0
FLQi051	SWIP Building/SW#1 Wall									
		67.82	0	52.58	0.09	-3	0	0	4.94	0
FLQi052	SWIP Building/Roof									
		81.01	0	52.88	0.08	-3	0	0	4.15	0
FLQi056	Chimney/Wall1									
		60.65	0	52.42	0.03	-3	0	0	3.58	0
FLQi057	Chimney/Wall2									
		60.65	0	52.41	0.03	-3	0	0	3.58	0
FLQi058	Chimney/Wall3									
		60.65	0	52.41	0.03	-3	0	0	3.58	0
FLQi059	Chimney/Wall4									
		60.65	0	52.41	0.03	-3	0	0	3.58	0
FLQi060	Chimney/Wall5									
		60.65	0	52.41	0.03	-3	0	0	3.58	0
FLQi061	Chimney/Wall6									

		60.65	0		52.41	0.03	-3	0	0	3.58	0
FLQi062	Chimney/Wall7										
		60.65	0		52.41	0.03	-3	0	0	3.57	0
FLQi063	Chimney/Wall8										
		60.65	0		52.42	0.03	-3	0	0	3.57	0
FLQi064	Chimney/Wall9										
		60.65	0		52.42	0.03	-3	0	0	3.57	0
FLQi065	Chimney/Wall10										
		60.65	0		52.43	0.03	-3	0	0	3.57	0
FLQi066	Chimney/Wall11										
		60.65	0		52.43	0.03	-3	0	0	3.57	0
FLQi067	Chimney/Wall12										
		60.65	0		52.43	0.03	-3	0	0	4.61	0
FLQi068	Chimney/Wall13										
		60.65	0		52.44	0.03	-3	0	0	5.08	0
FLQi069	Chimney/Wall14										
		60.65	0		52.44	0.03	-3	0	0	4.49	0
FLQi070	Chimney/Wall15										
		60.65	0		52.43	0.03	-3	0	0	3.58	0
FLQi071	Chimney/Wall16										
		60.65	0		52.43	0.03	-3	0	0	3.58	0

BS 5228	Laeq = Lwa,T - Kh - K* + Afac | K* = max(Ks-Kh, Ascr)								
Element	Label	LwA,T		Kh	Ks-Kh	Ascr	K*	Afac	
		/dB(A)	/m	/dB	/dB	/dB	/dB	/dB	/dB
HAUL009	Wheeled Loader to/fr	78.74		49.81			2.79	0	

IPKT	IPKT: Name	IPKT: x /m	IPKT: y /m	Lr(IP) /dB(A)

IPkt019	46 Rochdale Road 6 GF South	405295.4	422939.2	31.69						
ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
EZQi001	Chimney Opening	74.1	0	52.1	0.11	-3	0	0	1	0
EZQi005	Vent Opening	71.81	0	52.88	0.04	-3.08	0	0	9.66	0
ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
FLQi044	SWIP Building/NW Wall									
		69.95	0	51.98	0.08	-3	0	0	4.7	0
FLQi045	SWIP Building/NE Wall									
		73.98	0	52.64	0.08	-3.02	0	0	4.8	0
FLQi046	SWIP Building/SE#1 Wall									
		53.74	0	53.31	0.03	-3.51	0	0	10.13	0
FLQi047	SWIP Building/SW#3 Wall									
		54.14	0	53.28	0.03	-3.28	0	0	8.55	0
FLQi048	SWIP Building/SE#2 Wall									
		38.3	0	53.24	0.03	-3.79	0	0	8.89	0
FLQi049	SWIP Building/SW#2 Wall									
		66.38	0	52.89	0.05	-3.11	0	0	8.63	0
FLQi050	SWIP Building/SE#3 Wall									
		50.53	0	52.49	0.03	-3.01	0	0	11.02	0
FLQi051	SWIP Building/SW#1 Wall									
		67.82	0	52.25	0.09	-3.05	0	0	4.1	0
FLQi052	SWIP Building/Roof									
		81.01	0	52.59	0.11	-3	0	0	4.2	0

FLQi056	Chimney/Wall1									
		60.65	0	52.11	0.03	-3	0	0	0	0
FLQi057	Chimney/Wall2									
		60.65	0	52.1	0.03	-3	0	0	0	0
FLQi058	Chimney/Wall3									
		60.65	0	52.1	0.03	-3	0	0	0	0
FLQi059	Chimney/Wall4									
		60.65	0	52.1	0.03	-3	0	0	0	0
FLQi060	Chimney/Wall5									
		60.65	0	52.1	0.03	-3	0	0	0	0
FLQi061	Chimney/Wall6									
		60.65	0	52.1	0.03	-3	0	0	0	0
FLQi062	Chimney/Wall7									
		60.65	0	52.1	0.03	-3	0	0	0	0
FLQi063	Chimney/Wall8									
		60.65	0	52.11	0.03	-3	0	0	0	0
FLQi064	Chimney/Wall9									
		60.65	0	52.11	0.03	-3	0	0	0	0
FLQi065	Chimney/Wall10									
		60.65	0	52.12	0.03	-3	0	0	0	0
FLQi066	Chimney/Wall11									
		60.65	0	52.12	0.03	-3	0	0	0	0
FLQi067	Chimney/Wall12									
		60.65	0	52.12	0.03	-3	0	0	1.43	0
FLQi068	Chimney/Wall13									
		60.65	0	52.12	0.03	-3	0	0	1.4	0
FLQi069	Chimney/Wall14									
		60.65	0	52.12	0.03	-3	0	0	0.62	0
FLQi070	Chimney/Wall15									

		60.65	0		52.12	0.03	-3	0	0	0	0
FLQi071	Chimney/Wall16										
		60.65	0		52.11	0.03	-3	0	0	0	0

BS 5228	Laeq = Lwa,T - Kh - K* + Afac | K* = max(Ks-Kh, Ascr)									
Element	Label	LwA,T		Kh	Ks-Kh	Ascr	K*	Afac		
		/dB(A)	/m	/dB	/dB	/dB	/dB	/dB	/dB	
HAUL009	Wheeled Loader to/fr	78.74		49.51			6.91	0		

IPKT	IPKT: Name	IPKT: x /m	IPKT: y /m	Lr(IP) /dB(A)						
IPkt020	46 Rochdale Road 6 UF1South	405295.4	422939.2	32.91						

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
EZQi001	Chimney Opening	74.1	0	52.11	0.11	-3	0	0	0.99	0
EZQi005	Vent Opening	71.81	0	52.91	0.04	-3	0	0	9.53	0

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
FLQi044	SWIP Building/NW Wall									
		69.95	0	52.02	0.09	-3	0	0	1.45	0
FLQi045	SWIP Building/NE Wall									
		73.98	0	52.7	0.08	-3	0	0	4.29	0
FLQi046	SWIP Building/SE#1 Wall									
		53.74	0	53.33	0.03	-3	0	0	9.96	0
FLQi047	SWIP Building/SW#3 Wall									

		54.14	0	53.29	0.03	-3	0	0	8.12	0
FLQi048	SWIP Building/SE#2 Wall									
		38.3	0	53.26	0.03	-3	0	0	8.8	0
FLQi049	SWIP Building/SW#2 Wall									
		66.38	0	52.92	0.06	-3	0	0	8.15	0
FLQi050	SWIP Building/SE#3 Wall									
		50.53	0	52.53	0.03	-3	0	0	9.28	0
FLQi051	SWIP Building/SW#1 Wall									
		67.82	0	52.26	0.09	-3	0	0	2.78	0
FLQi052	SWIP Building/Roof									
		81.01	0	52.62	0.11	-3	0	0	3.75	0
FLQi056	Chimney/Wall1									
		60.65	0	52.13	0.03	-3	0	0	0	0
FLQi057	Chimney/Wall2									
		60.65	0	52.12	0.03	-3	0	0	0	0
FLQi058	Chimney/Wall3									
		60.65	0	52.12	0.03	-3	0	0	0	0
FLQi059	Chimney/Wall4									
		60.65	0	52.11	0.03	-3	0	0	0	0
FLQi060	Chimney/Wall5									
		60.65	0	52.11	0.03	-3	0	0	0	0
FLQi061	Chimney/Wall6									
		60.65	0	52.11	0.03	-3	0	0	0	0
FLQi062	Chimney/Wall7									
		60.65	0	52.12	0.03	-3	0	0	0	0
FLQi063	Chimney/Wall8									
		60.65	0	52.12	0.03	-3	0	0	0	0
FLQi064	Chimney/Wall9									
		60.65	0	52.13	0.03	-3	0	0	0	0

FLQi065	Chimney/Wall10									
		60.65	0		52.13	0.03	-3	0	0	0	0
FLQi066	Chimney/Wall11									
		60.65	0		52.14	0.03	-3	0	0	0	0
FLQi067	Chimney/Wall12									
		60.65	0		52.14	0.03	-3	0	0	1.42	0
FLQi068	Chimney/Wall13									
		60.65	0		52.14	0.03	-3	0	0	1.39	0
FLQi069	Chimney/Wall14									
		60.65	0		52.14	0.03	-3	0	0	0.61	0
FLQi070	Chimney/Wall15									
		60.65	0		52.14	0.03	-3	0	0	0	0
FLQi071	Chimney/Wall16									
		60.65	0		52.13	0.03	-3	0	0	0	0

BS 5228	Laeq = Lwa,T - Kh - K* + Afac | K* = max(Ks-Kh, Ascr)									
Element	Label	LwA,T		Kh	Ks-Kh	Ascr	K*	Afac		
		/dB(A)	/m	/dB	/dB	/dB	/dB	/dB	/dB	
HAUL009	Wheeled Loader to/fr	78.74		49.58			2.84	0		

IPKT	IPKT: Name	IPKT: x /m	IPKT: y /m	Lr(IP) /dB(A)						
IPkt025	80 Rochdale Road 1 GF S/E	405193.4	422884.3	29.76						

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
EZQi001	Chimney Opening	74.1	0	55.21	0.15	-3	0	0	1.02	0
EZQi005	Vent Opening	71.81	0	55.62	0.1	-3.87	0	0	3.55	0

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
FLQi044	SWIP Building/NW Wall									
		69.95	0	55.29	0.12	-3.42	0	0	0	0
FLQi045	SWIP Building/NE Wall									
		73.98	0	55.91	0.07	-3.43	0	0	9.32	0
FLQi046	SWIP Building/SE#1 Wall									
		53.74	0	56.07	0.04	-4.17	0	0	8.32	0
FLQi047	SWIP Building/SW#3 Wall									
		54.14	0	55.86	0.07	-3.75	0	0	1.02	0
FLQi048	SWIP Building/SE#2 Wall									
		38.3	0	55.84	0.08	-4.75	0	0	2.99	0
FLQi049	SWIP Building/SW#2 Wall									
		66.38	0	55.69	0.13	-3.8	0	0	1.63	0
FLQi050	SWIP Building/SE#3 Wall									
		50.53	0	55.31	0.04	-3.47	0	0	7.1	0
FLQi051	SWIP Building/SW#1 Wall									
		67.82	0	55.07	0.14	-3.14	0	0	0.85	0
FLQi052	SWIP Building/Roof									
		81.01	0	55.64	0.14	-3	0	0	4.39	0
FLQi056	Chimney/Wall1									
		60.65	0	55.23	0.04	-3	0	0	0	0
FLQi057	Chimney/Wall2									
		60.65	0	55.22	0.04	-3	0	0	0	0
FLQi058	Chimney/Wall3									
		60.65	0	55.22	0.04	-3	0	0	0	0
FLQi059	Chimney/Wall4									

		60.65	0		55.22	0.04	-3	0	0	0	0
FLQi060	Chimney/Wall5										
		60.65	0		55.21	0.04	-3	0	0	0	0
FLQi061	Chimney/Wall6										
		60.65	0		55.21	0.04	-3	0	0	0	0
FLQi062	Chimney/Wall7										
		60.65	0		55.21	0.04	-3	0	0	0	0
FLQi063	Chimney/Wall8										
		60.65	0		55.21	0.04	-3	0	0	0	0
FLQi064	Chimney/Wall9										
		60.65	0		55.21	0.04	-3	0	0	0	0
FLQi065	Chimney/Wall10										
		60.65	0		55.22	0.04	-3	0	0	0	0
FLQi066	Chimney/Wall11										
		60.65	0		55.22	0.04	-3	0	0	0	0
FLQi067	Chimney/Wall12										
		60.65	0		55.22	0.04	-3	0	0	0	0
FLQi068	Chimney/Wall13										
		60.65	0		55.23	0.04	-3	0	0	0	0
FLQi069	Chimney/Wall14										
		60.65	0		55.23	0.04	-3	0	0	1.43	0
FLQi070	Chimney/Wall15										
		60.65	0		55.23	0.04	-3	0	0	1.39	0
FLQi071	Chimney/Wall16										
		60.65	0		55.23	0.04	-3	0	0	0.61	0

BS 5228	Laeq = Lwa,T - Kh - K* + Afac | K* = max(Ks-Kh, Ascr)								
Element	Label	LwA,T		Kh	Ks-Kh	Ascr	K*	Afac	
		/dB(A)	/m	/dB	/dB	/dB	/dB	/dB	/dB

HAUL009	Wheeled Loader to/fr	78.74		50.87			5.52	0		

IPKT	IPKT: Name	IPKT: x /m	IPKT: y /m	Lr(IP) /dB(A)
IPkt026	80 Rochdale Road 1 UF1S/E	405193.4	422884.3	30.93

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
EZQi001	Chimney Opening	74.1	0	55.22	0.15	-3	0	0	1.01	0
EZQi005	Vent Opening	71.81	0	55.64	0.1	-3	0	0	3.5	0

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
FLQi044	SWIP Building/NW Wall									
		69.95	0	55.3	0.12	-3	0	0	0	0
FLQi045	SWIP Building/NE Wall									
		73.98	0	55.93	0.07	-3.01	0	0	9.18	0
FLQi046	SWIP Building/SE#1 Wall									
		53.74	0	56.1	0.04	-3.07	0	0	8.3	0
FLQi047	SWIP Building/SW#3 Wall									
		54.14	0	55.88	0.07	-3.03	0	0	0.86	0
FLQi048	SWIP Building/SE#2 Wall									
		38.3	0	55.86	0.08	-3.31	0	0	3.28	0
FLQi049	SWIP Building/SW#2 Wall									
		66.38	0	55.69	0.15	-3.02	0	0	2.61	0
FLQi050	SWIP Building/SE#3 Wall									
		50.53	0	55.33	0.04	-3	0	0	7.1	0

FLQi051	SWIP Building/SW#1 Wall									
		67.82	0	55.09	0.15	-3	0	0	0.87	0
FLQi052	SWIP Building/Roof									
		81.01	0	55.65	0.15	-3	0	0	4.16	0
FLQi056	Chimney/Wall1									
		60.65	0	55.24	0.04	-3	0	0	0	0
FLQi057	Chimney/Wall2									
		60.65	0	55.24	0.04	-3	0	0	0	0
FLQi058	Chimney/Wall3									
		60.65	0	55.23	0.04	-3	0	0	0	0
FLQi059	Chimney/Wall4									
		60.65	0	55.23	0.04	-3	0	0	0	0
FLQi060	Chimney/Wall5									
		60.65	0	55.22	0.04	-3	0	0	0	0
FLQi061	Chimney/Wall6									
		60.65	0	55.22	0.04	-3	0	0	0	0
FLQi062	Chimney/Wall7									
		60.65	0	55.22	0.04	-3	0	0	0	0
FLQi063	Chimney/Wall8									
		60.65	0	55.22	0.04	-3	0	0	0	0
FLQi064	Chimney/Wall9									
		60.65	0	55.23	0.04	-3	0	0	0	0
FLQi065	Chimney/Wall10									
		60.65	0	55.23	0.04	-3	0	0	0	0
FLQi066	Chimney/Wall11									
		60.65	0	55.23	0.04	-3	0	0	0	0
FLQi067	Chimney/Wall12									
		60.65	0	55.24	0.04	-3	0	0	0	0
FLQi068	Chimney/Wall13									

		60.65	0		55.24	0.04	-3	0	0	0	0
FLQi069	Chimney/Wall14									
		60.65	0		55.24	0.04	-3	0	0	1.42	0
FLQi070	Chimney/Wall15									
		60.65	0		55.24	0.04	-3	0	0	1.38	0
FLQi071	Chimney/Wall16									
		60.65	0		55.24	0.04	-3	0	0	0.61	0

BS 5228	Laeq = Lwa,T - Kh - K* + Afac | K* = max(Ks-Kh, Ascr)									
Element	Label	LwA,T		Kh	Ks-Kh	Ascr	K*	Afac		
		/dB(A)	/m	/dB	/dB	/dB	/dB	/dB	/dB	
HAUL009	Wheeled Loader to/fr	78.74		50.73			2.34	0		

IPKT	IPKT: Name	IPKT: x /m	IPKT: y /m	Lr(IP) /dB(A)
IPkt031	80 Rochdale Road 4 GF N/E	405196.3	422890.7	29.15

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
EZQi001	Chimney Opening	74.1	0	55.17	0.15	-3	0	0	1.02	0
EZQi005	Vent Opening	71.81	0	55.59	0.08	-3.87	0	0	3.79	0

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
FLQi044	SWIP Building/NW Wall									
		69.95	0	55.24	0.12	-3.41	0	0	0	0
FLQi045	SWIP Building/NE Wall									

		73.98	0	55.86	0.07	-3.43	0	0	9.16	0
FLQi046	SWIP Building/SE#1 Wall									
		53.74	0	56.05	0.04	-4.16	0	0	8.46	0
FLQi047	SWIP Building/SW#3 Wall									
		54.14	0	55.84	0.07	-3.74	0	0	1.02	0
FLQi048	SWIP Building/SE#2 Wall									
		38.3	0	55.82	0.08	-4.74	0	0	3	0
FLQi049	SWIP Building/SW#2 Wall									
		66.38	0	55.67	0.13	-3.69	0	0	2.34	0
FLQi050	SWIP Building/SE#3 Wall									
		50.53	0	55.28	0.04	-3.47	0	0	7.26	0
FLQi051	SWIP Building/SW#1 Wall									
		67.82	0	55.04	0.14	-3.14	0	0	0.84	0
FLQi052	SWIP Building/Roof									
		81.01	0	55.6	0.14	-3	0	0	4.39	0
FLQi056	Chimney/Wall1									
		60.65	0	55.18	0.04	-3	0	0	0	0
FLQi057	Chimney/Wall2									
		60.65	0	55.18	0.04	-3	0	0	0	0
FLQi058	Chimney/Wall3									
		60.65	0	55.17	0.04	-3	0	0	0	0
FLQi059	Chimney/Wall4									
		60.65	0	55.17	0.04	-3	0	0	0	0
FLQi060	Chimney/Wall5									
		60.65	0	55.17	0.04	-3	0	0	0	0
FLQi061	Chimney/Wall6									
		60.65	0	55.17	0.04	-3	0	0	0	0
FLQi062	Chimney/Wall7									
		60.65	0	55.16	0.04	-3	0	0	0	0

FLQi063	Chimney/Wall8									
		60.65	0		55.17	0.04	-3	0	0	0	0
FLQi064	Chimney/Wall9									
		60.65	0		55.17	0.04	-3	0	0	0	0
FLQi065	Chimney/Wall10									
		60.65	0		55.17	0.04	-3	0	0	0	0
FLQi066	Chimney/Wall11									
		60.65	0		55.18	0.04	-3	0	0	0	0
FLQi067	Chimney/Wall12									
		60.65	0		55.18	0.04	-3	0	0	0	0
FLQi068	Chimney/Wall13									
		60.65	0		55.18	0.04	-3	0	0	0	0
FLQi069	Chimney/Wall14									
		60.65	0		55.19	0.04	-3	0	0	1.42	0
FLQi070	Chimney/Wall15									
		60.65	0		55.19	0.04	-3	0	0	1.39	0
FLQi071	Chimney/Wall16									
		60.65	0		55.18	0.04	-3	0	0	0.62	0

BS 5228	Laeq = Lwa,T - Kh - K* + Afac | K* = max(Ks-Kh, Ascr)								
Element	Label	LwA,T		Kh	Ks-Kh	Ascr	K*	Afac	
		/dB(A)	/m	/dB	/dB	/dB	/dB	/dB	/dB
HAUL009	Wheeled Loader to/fr	78.74		50.87			5.7	0	

IPKT	IPKT: Name	IPKT: x /m	IPKT: y /m	Lr(IP) /dB(A)
IPkt032	80 Rochdale Road 4 UF1N/E	405196.3	422890.7	30.47

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet

Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
EZQi001	Chimney Opening	74.1	0	55.18	0.15	-3	0	0	1.01	0
EZQi005	Vent Opening	71.81	0	55.61	0.08	-3	0	0	3.73	0

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
FLQi044	SWIP Building/NW Wall									
		69.95	0	55.24	0.14	-3	0	0	0.92	0
FLQi045	SWIP Building/NE Wall									
		73.98	0	55.87	0.07	-3.01	0	0	9.03	0
FLQi046	SWIP Building/SE#1 Wall									
		53.74	0	56.07	0.04	-3.06	0	0	8.43	0
FLQi047	SWIP Building/SW#3 Wall									
		54.14	0	55.86	0.08	-3.03	0	0	1.07	0
FLQi048	SWIP Building/SE#2 Wall									
		38.3	0	55.84	0.08	-3.31	0	0	3.29	0
FLQi049	SWIP Building/SW#2 Wall									
		66.38	0	55.67	0.14	-3.01	0	0	2.79	0
FLQi050	SWIP Building/SE#3 Wall									
		50.53	0	55.3	0.04	-3	0	0	7.25	0
FLQi051	SWIP Building/SW#1 Wall									
		67.82	0	55.05	0.14	-3	0	0	0.74	0
FLQi052	SWIP Building/Roof									
		81.01	0	55.61	0.15	-3	0	0	4.15	0
FLQi056	Chimney/Wall1									
		60.65	0	55.19	0.04	-3	0	0	0	0
FLQi057	Chimney/Wall2									

		60.65	0	55.19	0.04	-3	0	0	0	0
FLQi058	Chimney/Wall3									
		60.65	0	55.19	0.04	-3	0	0	0	0
FLQi059	Chimney/Wall4									
		60.65	0	55.18	0.04	-3	0	0	0	0
FLQi060	Chimney/Wall5									
		60.65	0	55.18	0.04	-3	0	0	0	0
FLQi061	Chimney/Wall6									
		60.65	0	55.18	0.04	-3	0	0	0	0
FLQi062	Chimney/Wall7									
		60.65	0	55.18	0.04	-3	0	0	0	0
FLQi063	Chimney/Wall8									
		60.65	0	55.18	0.04	-3	0	0	0	0
FLQi064	Chimney/Wall9									
		60.65	0	55.18	0.04	-3	0	0	0	0
FLQi065	Chimney/Wall10									
		60.65	0	55.18	0.04	-3	0	0	0	0
FLQi066	Chimney/Wall11									
		60.65	0	55.19	0.04	-3	0	0	0	0
FLQi067	Chimney/Wall12									
		60.65	0	55.19	0.04	-3	0	0	0	0
FLQi068	Chimney/Wall13									
		60.65	0	55.2	0.04	-3	0	0	0	0
FLQi069	Chimney/Wall14									
		60.65	0	55.2	0.04	-3	0	0	1.41	0
FLQi070	Chimney/Wall15									
		60.65	0	55.2	0.04	-3	0	0	1.38	0
FLQi071	Chimney/Wall16									
		60.65	0	55.2	0.04	-3	0	0	0.61	0

BS 5228	Laeq = Lwa,T - Kh - K* + Afac | K* = max(Ks-Kh, Ascr)									
Element	Label	LwA,T		Kh	Ks-Kh	Ascr	K*	Afac		
		/dB(A)	/m	/dB	/dB	/dB	/dB	/dB	/dB	
HAUL009	Wheeled Loader to/fr	78.74		50.66			1.56	0		

IPKT	IPKT: Name	IPKT: x /m	IPKT: y /m	Lr(IP) /dB(A)						
IPkt033	Long Lane Property 1 GF West	405234.9	422640.5	26.88						

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
EZQi001	Chimney Opening	74.1	0	58.23	0.15	-3	0	0	4.95	0
EZQi005	Vent Opening	71.81	0	58.07	0.07	-4.4	0	0	14.46	0

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
FLQi044	SWIP Building/NW Wall									
		69.95	0	58.39	0.09	-3.91	0	0	13.29	0
FLQi045	SWIP Building/NE Wall									
		73.98	0	58.56	0.1	-3.96	0	0	18.89	0
FLQi046	SWIP Building/SE#1 Wall									
		53.74	0	58.18	0.07	-4.56	0	0	5.14	0
FLQi047	SWIP Building/SW#3 Wall									
		54.14	0	57.98	0.07	-4.19	0	0	6.16	0
FLQi048	SWIP Building/SE#2 Wall									
		38.3	0	57.99	0.07	-4.67	0	0	5.02	0

FLQi049	SWIP Building/SW#2 Wall									
		66.69	0	58.07	0.13	-3.78	0	0	6.3	0
FLQi050	SWIP Building/SE#3 Wall									
		53.04	0	58.1	0.07	-3.67	0	0	8.46	0
FLQi051	SWIP Building/SW#1 Wall									
		67.82	0	58.04	0.14	-3.47	0	0	5.78	0
FLQi052	SWIP Building/Roof									
		81.01	0	58.29	0.13	-3	0	0	5.2	0
FLQi056	Chimney/Wall1									
		60.65	0	58.24	0.05	-3	0	0	5.26	0
FLQi057	Chimney/Wall2									
		60.65	0	58.24	0.05	-3	0	0	5.83	0
FLQi058	Chimney/Wall3									
		60.65	0	58.24	0.05	-3	0	0	5.43	0
FLQi059	Chimney/Wall4									
		60.65	0	58.24	0.05	-3	0	0	4.36	0
FLQi060	Chimney/Wall5									
		60.65	0	58.24	0.05	-3	0	0	4.36	0
FLQi061	Chimney/Wall6									
		60.65	0	58.24	0.05	-3	0	0	4.36	0
FLQi062	Chimney/Wall7									
		60.65	0	58.23	0.05	-3	0	0	4.36	0
FLQi063	Chimney/Wall8									
		60.65	0	58.23	0.05	-3	0	0	4.36	0
FLQi064	Chimney/Wall9									
		60.65	0	58.23	0.05	-3	0	0	4.36	0
FLQi065	Chimney/Wall10									
		60.65	0	58.23	0.05	-3	0	0	4.36	0
FLQi066	Chimney/Wall11									

		60.65	0	58.23	0.05	-3	0	0	4.36	0
FLQi067	Chimney/Wall12									
		60.65	0	58.23	0.05	-3	0	0	4.37	0
FLQi068	Chimney/Wall13									
		60.65	0	58.23	0.05	-3	0	0	4.37	0
FLQi069	Chimney/Wall14									
		60.65	0	58.24	0.05	-3	0	0	4.37	0
FLQi070	Chimney/Wall15									
		60.65	0	58.24	0.05	-3	0	0	4.37	0
FLQi071	Chimney/Wall16									
		60.65	0	58.24	0.05	-3	0	0	4.37	0

BS 5228	Laeq = Lwa,T - Kh - K* + Afac | K* = max(Ks-Kh, Ascr)									
Element	Label	LwA,T		Kh	Ks-Kh	Ascr	K*	Afac		
		/dB(A)	/m	/dB	/dB	/dB	/dB	/dB	/dB	
HAUL009	Wheeled Loader to/fr	78.74		54.31			9.38	0		

IPKT	IPKT: Name	IPKT: x /m	IPKT: y /m	Lr(IP) /dB(A)
IPkt034	Long Lane Property 1 UF1West	405234.9	422640.5	27.6

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
EZQi001	Chimney Opening	74.1	0	58.24	0.15	-3	0	0	4.48	0
EZQi005	Vent Opening	71.81	0	58.08	0.07	-3.19	0	0	12.64	0

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet

		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
FLQi044	SWIP Building/NW Wall									
		69.95	0	58.39	0.09	-3.12	0	0	12.87	0
FLQi045	SWIP Building/NE Wall									
		73.98	0	58.56	0.09	-3.13	0	0	17.72	0
FLQi046	SWIP Building/SE#1 Wall									
		53.74	0	58.19	0.07	-3.4	0	0	4.64	0
FLQi047	SWIP Building/SW#3 Wall									
		54.14	0	57.99	0.07	-3.17	0	0	5.57	0
FLQi048	SWIP Building/SE#2 Wall									
		38.3	0	58	0.07	-3.5	0	0	4.51	0
FLQi049	SWIP Building/SW#2 Wall									
		66.69	0	58.08	0.12	-3.09	0	0	5.72	0
FLQi050	SWIP Building/SE#3 Wall									
		53.04	0	58.11	0.07	-3.05	0	0	7.25	0
FLQi051	SWIP Building/SW#1 Wall									
		67.82	0	58.05	0.14	-3.07	0	0	4.99	0
FLQi052	SWIP Building/Roof									
		81.01	0	58.3	0.13	-3	0	0	4.74	0
FLQi056	Chimney/Wall1									
		60.65	0	58.25	0.05	-3	0	0	4.84	0
FLQi057	Chimney/Wall2									
		60.65	0	58.25	0.05	-3	0	0	5.69	0
FLQi058	Chimney/Wall3									
		60.65	0	58.25	0.05	-3	0	0	5.31	0
FLQi059	Chimney/Wall4									
		60.65	0	58.25	0.05	-3	0	0	3.75	0
FLQi060	Chimney/Wall5									
		60.65	0	58.25	0.05	-3	0	0	3.75	0

FLQi061	Chimney/Wall6									
		60.65	0		58.25	0.05	-3	0	0	3.75	0
FLQi062	Chimney/Wall7									
		60.65	0		58.24	0.05	-3	0	0	3.75	0
FLQi063	Chimney/Wall8									
		60.65	0		58.24	0.05	-3	0	0	3.75	0
FLQi064	Chimney/Wall9									
		60.65	0		58.24	0.05	-3	0	0	3.76	0
FLQi065	Chimney/Wall10									
		60.65	0		58.24	0.05	-3	0	0	3.76	0
FLQi066	Chimney/Wall11									
		60.65	0		58.24	0.05	-3	0	0	3.76	0
FLQi067	Chimney/Wall12									
		60.65	0		58.24	0.05	-3	0	0	3.76	0
FLQi068	Chimney/Wall13									
		60.65	0		58.24	0.05	-3	0	0	3.76	0
FLQi069	Chimney/Wall14									
		60.65	0		58.24	0.05	-3	0	0	3.76	0
FLQi070	Chimney/Wall15									
		60.65	0		58.25	0.05	-3	0	0	3.76	0
FLQi071	Chimney/Wall16									
		60.65	0		58.25	0.05	-3	0	0	3.76	0

BS 5228	Laeq = Lwa,T - Kh - K* + Afac | K* = max(Ks-Kh, Ascr)							
Element	Label	LwA,T		Kh	Ks-Kh	Ascr	K*	Afac
		/dB(A)	/m	/dB	/dB	/dB	/dB	/dB
HAUL009	Wheeled Loader to/fr	78.74		54.31			7.84	0

IPKT	IPKT: Name	IPKT: x /m	IPKT: y /m	Lr(IP) /dB(A)						
IPkt035	Long Lane Property 2 GF N/E	405242.8	422645.4	28.44						
ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
EZQi001	Chimney Opening	74.1	0	57.92	0.21	-3	0	0	1.05	0
EZQi005	Vent Opening	71.81	0	57.74	0.12	-4.33	0	0	1.92	0
ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
FLQi044	SWIP Building/NW Wall									
		69.95	0	58.08	0.09	-3.84	0	0	8.69	0
FLQi045	SWIP Building/NE Wall									
		73.98	0	58.22	0.09	-3.8	0	0	10.14	0
FLQi046	SWIP Building/SE#1 Wall									
		53.74	0	57.86	0.09	-4.5	0	0	4.76	0
FLQi047	SWIP Building/SW#3 Wall									
		54.14	0	57.65	0.09	-4.21	0	0	5.47	0
FLQi048	SWIP Building/SE#2 Wall									
		38.3	0	57.66	0.09	-4.62	0	0	4.76	0
FLQi049	SWIP Building/SW#2 Wall									
		66.69	0	57.75	0.19	-3.95	0	0	4.7	0
FLQi050	SWIP Building/SE#3 Wall									
		53.04	0	57.82	0.11	-3.83	0	0	4.72	0
FLQi051	SWIP Building/SW#1 Wall									
		67.82	0	57.72	0.19	-3.74	0	0	3.98	0
FLQi052	SWIP Building/Roof									

		81.01	0		57.98	0.18	-3	0	0	4.48	0
FLQi056	Chimney/Wall1										
		60.65	0		57.93	0.05	-3	0	0	2.8	0
FLQi057	Chimney/Wall2										
		60.65	0		57.93	0.05	-3	0	0	1.37	0
FLQi058	Chimney/Wall3										
		60.65	0		57.93	0.05	-3	0	0	1.41	0
FLQi059	Chimney/Wall4										
		60.65	0		57.93	0.06	-3	0	0	4.51	0
FLQi060	Chimney/Wall5										
		60.65	0		57.93	0.06	-3	0	0	4.51	0
FLQi061	Chimney/Wall6										
		60.65	0		57.92	0.06	-3	0	0	4.51	0
FLQi062	Chimney/Wall7										
		60.65	0		57.92	0.06	-3	0	0	4.51	0
FLQi063	Chimney/Wall8										
		60.65	0		57.92	0.06	-3	0	0	4.51	0
FLQi064	Chimney/Wall9										
		60.65	0		57.92	0.06	-3	0	0	4.52	0
FLQi065	Chimney/Wall10										
		60.65	0		57.92	0.06	-3	0	0	4.52	0
FLQi066	Chimney/Wall11										
		60.65	0		57.92	0.06	-3	0	0	4.52	0
FLQi067	Chimney/Wall12										
		60.65	0		57.92	0.06	-3	0	0	4.52	0
FLQi068	Chimney/Wall13										
		60.65	0		57.92	0.06	-3	0	0	4.52	0
FLQi069	Chimney/Wall14										
		60.65	0		57.92	0.06	-3	0	0	4.52	0

FLQi070	Chimney/Wall15									
		60.65	0		57.93	0.06	-3	0	0	4.52	0
FLQi071	Chimney/Wall16									
		60.65	0		57.93	0.06	-3	0	0	4.52	0

BS 5228	Laeq = Lwa,T - Kh - K* + Afac | K* = max(Ks-Kh, Ascr)							
Element	Label	LwA,T		Kh	Ks-Kh	Ascr	K*	Afac
		/dB(A)	/m	/dB	/dB	/dB	/dB	/dB
HAUL009	Wheeled Loader to/fr	78.74		54.04			7.85	0

IPKT	IPKT: Name	IPKT: x /m	IPKT: y /m	Lr(IP) /dB(A)	
IPkt036	Long Lane Property 2 UF1N/E	405242.8	422645.4	29.5	

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
EZQi001	Chimney Opening	74.1	0	57.92	0.21	-3	0	0	1.04	0
EZQi005	Vent Opening	71.81	0	57.76	0.13	-3.08	0	0	1.74	0

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
FLQi044	SWIP Building/NW Wall									
		69.95	0	58.09	0.09	-3.09	0	0	8.57	0
FLQi045	SWIP Building/NE Wall									
		73.98	0	58.23	0.09	-3.11	0	0	10.03	0
FLQi046	SWIP Building/SE#1 Wall									
		53.74	0	57.88	0.12	-3.33	0	0	3.95	0

FLQi047	SWIP Building/SW#3 Wall									
		54.14	0	57.66	0.1	-3.16	0	0	1.53	0
FLQi048	SWIP Building/SE#2 Wall									
		38.3	0	57.67	0.1	-3.25	0	0	1.82	0
FLQi049	SWIP Building/SW#2 Wall									
		66.69	0	57.75	0.21	-3.1	0	0	1.71	0
FLQi050	SWIP Building/SE#3 Wall									
		53.04	0	57.84	0.13	-3.04	0	0	3.18	0
FLQi051	SWIP Building/SW#1 Wall									
		67.82	0	57.73	0.2	-3.06	0	0	1.75	0
FLQi052	SWIP Building/Roof									
		81.01	0	58	0.19	-3	0	0	4.17	0
FLQi056	Chimney/Wall1									
		60.65	0	57.94	0.05	-3	0	0	0.94	0
FLQi057	Chimney/Wall2									
		60.65	0	57.94	0.05	-3	0	0	1.37	0
FLQi058	Chimney/Wall3									
		60.65	0	57.94	0.05	-3	0	0	1.41	0
FLQi059	Chimney/Wall4									
		60.65	0	57.94	0.06	-3	0	0	0.88	0
FLQi060	Chimney/Wall5									
		60.65	0	57.94	0.06	-3	0	0	0.87	0
FLQi061	Chimney/Wall6									
		60.65	0	57.93	0.06	-3	0	0	0.86	0
FLQi062	Chimney/Wall7									
		60.65	0	57.93	0.06	-3	0	0	0.86	0
FLQi063	Chimney/Wall8									
		60.65	0	57.93	0.06	-3	0	0	0.86	0
FLQi064	Chimney/Wall9									

		60.65	0		57.93	0.06	-3	0	0	0.86	0
FLQi065	Chimney/Wall10										
		60.65	0		57.93	0.06	-3	0	0	0.86	0
FLQi066	Chimney/Wall11										
		60.65	0		57.93	0.06	-3	0	0	0.87	0
FLQi067	Chimney/Wall12										
		60.65	0		57.93	0.06	-3	0	0	0.88	0
FLQi068	Chimney/Wall13										
		60.65	0		57.93	0.06	-3	0	0	0.88	0
FLQi069	Chimney/Wall14										
		60.65	0		57.93	0.06	-3	0	0	0.89	0
FLQi070	Chimney/Wall15										
		60.65	0		57.94	0.06	-3	0	0	0.89	0
FLQi071	Chimney/Wall16										
		60.65	0		57.94	0.06	-3	0	0	0.89	0

BS 5228	Laeq = Lwa,T - Kh - K* + Afac | K* = max(Ks-Kh, Ascr)									
Element	Label	LwA,T		Kh	Ks-Kh	Ascr	K*	Afac		
		/dB(A)	/m	/dB	/dB	/dB	/dB	/dB	/dB	
HAUL009	Wheeled Loader to/fr	78.74		54.13			5.13	0		

IPKT	IPKT: Name	IPKT: x /m	IPKT: y /m	Lr(IP) /dB(A)						
IPkt037	Long Lane Property 3 GF East	405247.4	422640.4	24.82						

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
EZQi001	Chimney Opening	74.1	0	58.01	0.21	-3	0	0	1.05	0

EZQi005	Vent Opening	71.81	0	57.83	0.09	-4.35	0	0	5.91	0

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
FLQi044	SWIP Building/NW Wall									
		69.95	0	58.16	0.09	-3.82	0	0	17.63	0
FLQi045	SWIP Building/NE Wall									
		73.98	0	58.31	0.09	-3.6	0	0	17.15	0
FLQi046	SWIP Building/SE#1 Wall									
		53.74	0	57.93	0.09	-4.51	0	0	4.81	0
FLQi047	SWIP Building/SW#3 Wall									
		54.14	0	57.72	0.09	-4.2	0	0	5.67	0
FLQi048	SWIP Building/SE#2 Wall									
		38.3	0	57.73	0.09	-4.63	0	0	4.82	0
FLQi049	SWIP Building/SW#2 Wall									
		66.69	0	57.82	0.17	-3.88	0	0	5.19	0
FLQi050	SWIP Building/SE#3 Wall									
		53.04	0	57.9	0.1	-3.82	0	0	5.09	0
FLQi051	SWIP Building/SW#1 Wall									
		67.82	0	57.81	0.17	-3.6	0	0	5.04	0
FLQi052	SWIP Building/Roof									
		81.01	0	58.06	0.16	-3	0	0	4.77	0
FLQi056	Chimney/Wall1									
		60.65	0	58.02	0.05	-3	0	0	2.9	0
FLQi057	Chimney/Wall2									
		60.65	0	58.02	0.05	-3	0	0	1.38	0
FLQi058	Chimney/Wall3									
		60.65	0	58.02	0.05	-3	0	0	1.4	0

FLQi059	Chimney/Wall4									
		60.65	0	58.02	0.05	-3	0	0	1.76	0
FLQi060	Chimney/Wall5									
		60.65	0	58.02	0.05	-3	0	0	1.76	0
FLQi061	Chimney/Wall6									
		60.65	0	58.02	0.05	-3	0	0	1.76	0
FLQi062	Chimney/Wall7									
		60.65	0	58.01	0.05	-3	0	0	1.76	0
FLQi063	Chimney/Wall8									
		60.65	0	58.01	0.05	-3	0	0	1.76	0
FLQi064	Chimney/Wall9									
		60.65	0	58.01	0.05	-3	0	0	1.76	0
FLQi065	Chimney/Wall10									
		60.65	0	58.01	0.05	-3	0	0	1.76	0
FLQi066	Chimney/Wall11									
		60.65	0	58.01	0.05	-3	0	0	1.76	0
FLQi067	Chimney/Wall12									
		60.65	0	58.01	0.05	-3	0	0	1.76	0
FLQi068	Chimney/Wall13									
		60.65	0	58.01	0.05	-3	0	0	1.76	0
FLQi069	Chimney/Wall14									
		60.65	0	58.01	0.05	-3	0	0	1.76	0
FLQi070	Chimney/Wall15									
		60.65	0	58.02	0.05	-3	0	0	1.76	0
FLQi071	Chimney/Wall16									
		60.65	0	58.02	0.05	-3	0	0	1.76	0

BS 5228	Laeq = Lwa,T - Kh - K* + Afac | K* = max(Ks-Kh, Ascr)									
Element	Label	LwA,T		Kh	Ks-Kh	Ascr	K*	Afac		

		/dB(A)	/m	/dB	/dB	/dB	/dB	/dB	/dB	
HAUL009	Wheeled Loader to/fr	78.74		54.13			7.41	0		

IPKT	IPKT: Name	IPKT: x /m	IPKT: y /m	Lr(IP) /dB(A)
IPkt038	Long Lane Property 3 UF1East	405247.4	422640.4	26.69

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
EZQi001	Chimney Opening	74.1	0	58.01	0.21	-3	0	0	1.04	0
EZQi005	Vent Opening	71.81	0	57.84	0.14	-3.11	0	0	1.65	0

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
FLQi044	SWIP Building/NW Wall									
		69.95	0	58.18	0.09	-3.1	0	0	8.76	0
FLQi045	SWIP Building/NE Wall									
		73.98	0	58.3	0.09	-3.11	0	0	9.97	0
FLQi046	SWIP Building/SE#1 Wall									
		53.74	0	57.95	0.1	-3.34	0	0	4.5	0
FLQi047	SWIP Building/SW#3 Wall									
		54.14	0	57.74	0.1	-3.21	0	0	4.9	0
FLQi048	SWIP Building/SE#2 Wall									
		38.3	0	57.75	0.11	-3.47	0	0	4.25	0
FLQi049	SWIP Building/SW#2 Wall									
		66.69	0	57.84	0.24	-3.15	0	0	4	0
FLQi050	SWIP Building/SE#3 Wall									

		53.04	0	57.92	0.12	-3.06	0	0	4.35	0
FLQi051	SWIP Building/SW#1 Wall									
		67.82	0	57.82	0.23	-3.08	0	0	2.92	0
FLQi052	SWIP Building/Roof									
		81.01	0	58.08	0.19	-3	0	0	4.13	0
FLQi056	Chimney/Wall1									
		60.65	0	58.03	0.06	-3	0	0	2.38	0
FLQi057	Chimney/Wall2									
		60.65	0	58.03	0.05	-3	0	0	1.37	0
FLQi058	Chimney/Wall3									
		60.65	0	58.03	0.05	-3	0	0	1.4	0
FLQi059	Chimney/Wall4									
		60.65	0	58.03	0.07	-3	0	0	2.29	0
FLQi060	Chimney/Wall5									
		60.65	0	58.03	0.07	-3	0	0	2.28	0
FLQi061	Chimney/Wall6									
		60.65	0	58.02	0.07	-3	0	0	2.27	0
FLQi062	Chimney/Wall7									
		60.65	0	58.02	0.07	-3	0	0	2.26	0
FLQi063	Chimney/Wall8									
		60.65	0	58.02	0.07	-3	0	0	2.26	0
FLQi064	Chimney/Wall9									
		60.65	0	58.02	0.07	-3	0	0	2.26	0
FLQi065	Chimney/Wall10									
		60.65	0	58.02	0.07	-3	0	0	2.26	0
FLQi066	Chimney/Wall11									
		60.65	0	58.02	0.07	-3	0	0	2.27	0
FLQi067	Chimney/Wall12									
		60.65	0	58.02	0.07	-3	0	0	2.28	0

FLQi068	Chimney/Wall13									
		60.65	0		58.02	0.07	-3	0	0	2.29	0
FLQi069	Chimney/Wall14									
		60.65	0		58.02	0.07	-3	0	0	2.29	0
FLQi070	Chimney/Wall15									
		60.65	0		58.03	0.07	-3	0	0	2.3	0
FLQi071	Chimney/Wall16									
		60.65	0		58.03	0.07	-3	0	0	2.3	0

BS 5228	Laeq = Lwa,T - Kh - K* + Afac | K* = max(Ks-Kh, Ascr)									
Element	Label	LwA,T		Kh	Ks-Kh	Ascr	K*	Afac		
		/dB(A)	/m	/dB	/dB	/dB	/dB	/dB	/dB	
HAUL009	Wheeled Loader to/fr	78.74		54.22			4.23	0		

IPKT	IPKT: Name	IPKT: x /m	IPKT: y /m	Lr(IP) /dB(A)						
IPkt079	90 Rochdale Road 4 GF S/E	405147.7	422858.1	28.48						

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
EZQi001	Chimney Opening	74.1	0	57.14	0.19	-3	0	0	1.03	0
EZQi005	Vent Opening	71.81	0	57.41	0.22	-4.27	0	0	4.77	0

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
FLQi044	SWIP Building/NW Wall									
		69.95	0	57.24	0.15	-3.74	0	0	4.77	0

FLQi045	SWIP Building/NE Wall									
		73.98	0	57.73	0.09	-3.6	0	0	10.34	0
FLQi046	SWIP Building/SE#1 Wall									
		53.74	0	57.81	0.05	-4.22	0	0	10.06	0
FLQi047	SWIP Building/SW#3 Wall									
		54.14	0	57.57	0.09	-4.18	0	0	5.61	0
FLQi048	SWIP Building/SE#2 Wall									
		38.3	0	57.56	0.09	-4.61	0	0	4.77	0
FLQi049	SWIP Building/SW#2 Wall									
		66.38	0	57.45	0.16	-3.88	0	0	5.65	0
FLQi050	SWIP Building/SE#3 Wall									
		50.53	0	57.19	0.05	-3.39	0	0	9.21	0
FLQi051	SWIP Building/SW#1 Wall									
		67.82	0	56.99	0.16	-3.54	0	0	4.77	0
FLQi052	SWIP Building/Roof									
		81.01	0	57.47	0.17	-3	0	0	4.43	0
FLQi056	Chimney/Wall1									
		60.65	0	57.15	0.07	-3	0	0	2.89	0
FLQi057	Chimney/Wall2									
		60.65	0	57.15	0.07	-3	0	0	2.89	0
FLQi058	Chimney/Wall3									
		60.65	0	57.14	0.07	-3	0	0	2.89	0
FLQi059	Chimney/Wall4									
		60.65	0	57.14	0.07	-3	0	0	2.89	0
FLQi060	Chimney/Wall5									
		60.65	0	57.14	0.07	-3	0	0	2.89	0
FLQi061	Chimney/Wall6									
		60.65	0	57.14	0.07	-3	0	0	2.89	0
FLQi062	Chimney/Wall7									

		60.65	0		57.14	0.07	-3	0	0	2.89	0
FLQi063	Chimney/Wall8										
		60.65	0		57.14	0.07	-3	0	0	2.89	0
FLQi064	Chimney/Wall9										
		60.65	0		57.14	0.07	-3	0	0	2.89	0
FLQi065	Chimney/Wall10										
		60.65	0		57.14	0.07	-3	0	0	2.89	0
FLQi066	Chimney/Wall11										
		60.65	0		57.14	0.07	-3	0	0	2.89	0
FLQi067	Chimney/Wall12										
		60.65	0		57.15	0.07	-3	0	0	2.89	0
FLQi068	Chimney/Wall13										
		60.65	0		57.15	0.07	-3	0	0	2.89	0
FLQi069	Chimney/Wall14										
		60.65	0		57.15	0.05	-3	0	0	2.18	0
FLQi070	Chimney/Wall15										
		60.65	0		57.15	0.05	-3	0	0	1.38	0
FLQi071	Chimney/Wall16										
		60.65	0		57.15	0.05	-3	0	0	1.42	0

BS 5228	Laeq = Lwa,T - Kh - K* + Afac | K* = max(Ks-Kh, Ascr)							
Element	Label	LwA,T		Kh	Ks-Kh	Ascr	K*	Afac
		/dB(A)	/m	/dB	/dB	/dB	/dB	/dB
HAUL009	Wheeled Loader to/fr	78.74		52.92			10	0

IPKT	IPKT: Name	IPKT: x /m	IPKT: y /m	Lr(IP) /dB(A)
IPkt080	90 Rochdale Road 4 UF1S/E	405147.7	422858.1	29.14

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
EZQi001	Chimney Opening	74.1	0	57.14	0.19	-3	0	0	1.02	0
EZQi005	Vent Opening	71.81	0	57.42	0.34	-3	0	0	4.72	0

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
FLQi044	SWIP Building/NW Wall									
		69.95	0	57.23	0.18	-3	0	0	4.17	0
FLQi045	SWIP Building/NE Wall									
		73.98	0	57.74	0.09	-3.09	0	0	9.73	0
FLQi046	SWIP Building/SE#1 Wall									
		53.74	0	57.79	0.05	-3.35	0	0	7.54	0
FLQi047	SWIP Building/SW#3 Wall									
		54.14	0	57.59	0.1	-3.2	0	0	5.03	0
FLQi048	SWIP Building/SE#2 Wall									
		38.3	0	57.57	0.11	-3.6	0	0	2.29	0
FLQi049	SWIP Building/SW#2 Wall									
		66.38	0	57.45	0.19	-3.23	0	0	3.67	0
FLQi050	SWIP Building/SE#3 Wall									
		50.53	0	57.19	0.06	-3	0	0	6.3	0
FLQi051	SWIP Building/SW#1 Wall									
		67.82	0	57	0.21	-3.04	0	0	4.21	0
FLQi052	SWIP Building/Roof									
		81.01	0	57.48	0.18	-3	0	0	4.26	0
FLQi056	Chimney/Wall1									
		60.65	0	57.16	0.05	-3	0	0	0.19	0

FLQi057	Chimney/Wall2									
		60.65	0	57.16	0.05	-3	0	0	0.14	0
FLQi058	Chimney/Wall3									
		60.65	0	57.15	0.05	-3	0	0	0.09	0
FLQi059	Chimney/Wall4									
		60.65	0	57.15	0.05	-3	0	0	0.06	0
FLQi060	Chimney/Wall5									
		60.65	0	57.15	0.05	-3	0	0	0.05	0
FLQi061	Chimney/Wall6									
		60.65	0	57.15	0.05	-3	0	0	0.07	0
FLQi062	Chimney/Wall7									
		60.65	0	57.14	0.05	-3	0	0	0.11	0
FLQi063	Chimney/Wall8									
		60.65	0	57.14	0.05	-3	0	0	0.17	0
FLQi064	Chimney/Wall9									
		60.65	0	57.15	0.05	-3	0	0	0.22	0
FLQi065	Chimney/Wall10									
		60.65	0	57.15	0.05	-3	0	0	0.27	0
FLQi066	Chimney/Wall11									
		60.65	0	57.15	0.05	-3	0	0	0.3	0
FLQi067	Chimney/Wall12									
		60.65	0	57.15	0.05	-3	0	0	0.32	0
FLQi068	Chimney/Wall13									
		60.65	0	57.16	0.05	-3	0	0	0.32	0
FLQi069	Chimney/Wall14									
		60.65	0	57.16	0.05	-3	0	0	0.72	0
FLQi070	Chimney/Wall15									
		60.65	0	57.16	0.05	-3	0	0	1.38	0
FLQi071	Chimney/Wall16									

		60.65	0		57.16	0.05	-3	0	0	1.41	0

BS 5228	Laeq = Lwa,T - Kh - K* + Afac | K* = max(Ks-Kh, Ascr)									
Element	Label	LwA,T		Kh	Ks-Kh	Ascr	K*	Afac		
		/dB(A)	/m	/dB	/dB	/dB	/dB	/dB	/dB	
HAUL009	Wheeled Loader to/fr	78.74		53.21			8.98	0		

IPKT	IPKT: Name	IPKT: x /m	IPKT: y /m	Lr(IP) /dB(A)
IPkt085	90 Rochdale Road 7 GF S/W	405143.6	422859.6	20.7

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
EZQi001	Chimney Opening	74.1	0	57.32	0.11	-3	0	0	6.73	0
EZQi005	Vent Opening	71.81	0	57.58	0.07	-4.3	0	0	15.38	0

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
FLQi044	SWIP Building/NW Wall									
		69.95	0	57.31	0.09	-3.35	0	0	9.53	0
FLQi045	SWIP Building/NE Wall									
		73.98	0	57.93	0.09	-3.72	0	0	19.36	0
FLQi046	SWIP Building/SE#1 Wall									
		53.74	0	57.99	0.05	-4.2	0	0	16.43	0
FLQi047	SWIP Building/SW#3 Wall									
		54.14	0	57.74	0.06	-3.84	0	0	9.79	0
FLQi048	SWIP Building/SE#2 Wall									

		38.3	0	57.73	0.05	-4.63	0	0	15.08	0
FLQi049	SWIP Building/SW#2 Wall									
		66.38	0	57.59	0.1	-3.21	0	0	11.13	0
FLQi050	SWIP Building/SE#3 Wall									
		50.53	0	57.35	0.05	-3.75	0	0	21.21	0
FLQi051	SWIP Building/SW#1 Wall									
		67.82	0	57.16	0.1	-3.12	0	0	10.03	0
FLQi052	SWIP Building/Roof									
		81.01	0	57.64	0.1	-3	0	0	6.48	0
FLQi056	Chimney/Wall1									
		60.65	0	57.33	0.04	-3	0	0	5.4	0
FLQi057	Chimney/Wall2									
		60.65	0	57.33	0.04	-3	0	0	5.4	0
FLQi058	Chimney/Wall3									
		60.65	0	57.32	0.04	-3	0	0	5.4	0
FLQi059	Chimney/Wall4									
		60.65	0	57.32	0.04	-3	0	0	5.4	0
FLQi060	Chimney/Wall5									
		60.65	0	57.32	0.04	-3	0	0	5.4	0
FLQi061	Chimney/Wall6									
		60.65	0	57.31	0.04	-3	0	0	5.4	0
FLQi062	Chimney/Wall7									
		60.65	0	57.31	0.04	-3	0	0	5.4	0
FLQi063	Chimney/Wall8									
		60.65	0	57.31	0.04	-3	0	0	5.4	0
FLQi064	Chimney/Wall9									
		60.65	0	57.32	0.04	-3	0	0	5.4	0
FLQi065	Chimney/Wall10									
		60.65	0	57.32	0.04	-3	0	0	5.39	0

FLQi066	Chimney/Wall11									
		60.65	0		57.32	0.04	-3	0	0	5.39	0
FLQi067	Chimney/Wall12									
		60.65	0		57.32	0.04	-3	0	0	5.39	0
FLQi068	Chimney/Wall13									
		60.65	0		57.33	0.04	-3	0	0	5.39	0
FLQi069	Chimney/Wall14									
		60.65	0		57.33	0.04	-3	0	0	6.39	0
FLQi070	Chimney/Wall15									
		60.65	0		57.33	0.04	-3	0	0	7.79	0
FLQi071	Chimney/Wall16									
		60.65	0		57.33	0.04	-3	0	0	8.11	0

BS 5228	Laeq = Lwa,T - Kh - K* + Afac | K* = max(Ks-Kh, Ascr)									
Element	Label	LwA,T		Kh	Ks-Kh	Ascr	K*	Afac		
		/dB(A)	/m	/dB	/dB	/dB	/dB	/dB	/dB	
HAUL009	Wheeled Loader to/fr	78.74		53.13			10	0		

IPKT	IPKT: Name	IPKT: x /m	IPKT: y /m	Lr(IP) /dB(A)						
IPkt086	90 Rochdale Road 7 UF1S/W	405143.6	422859.6	21.37						

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
EZQi001	Chimney Opening	74.1	0	57.32	0.11	-3	0	0	6.34	0
EZQi005	Vent Opening	71.81	0	57.59	0.07	-3.03	0	0	5.34	0

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet

Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
FLQi044	SWIP Building/NW Wall									
		69.95	0	57.41	0.1	-3	0	0	6.24	0
FLQi045	SWIP Building/NE Wall									
		73.98	0	57.94	0.09	-3.11	0	0	17.88	0
FLQi046	SWIP Building/SE#1 Wall									
		53.74	0	57.95	0.05	-3.41	0	0	12.44	0
FLQi047	SWIP Building/SW#3 Wall									
		54.14	0	57.76	0.06	-3.13	0	0	6.2	0
FLQi048	SWIP Building/SE#2 Wall									
		38.3	0	57.74	0.06	-3.46	0	0	5.16	0
FLQi049	SWIP Building/SW#2 Wall									
		66.38	0	57.63	0.1	-3.15	0	0	6.73	0
FLQi050	SWIP Building/SE#3 Wall									
		50.53	0	57.36	0.05	-3	0	0	10.75	0
FLQi051	SWIP Building/SW#1 Wall									
		67.82	0	57.18	0.1	-3.06	0	0	6.13	0
FLQi052	SWIP Building/Roof									
		81.01	0	57.65	0.1	-3	0	0	6.08	0
FLQi056	Chimney/Wall1									
		60.65	0	57.34	0.04	-3	0	0	4.94	0
FLQi057	Chimney/Wall2									
		60.65	0	57.33	0.04	-3	0	0	4.94	0
FLQi058	Chimney/Wall3									
		60.65	0	57.33	0.04	-3	0	0	4.94	0
FLQi059	Chimney/Wall4									
		60.65	0	57.33	0.04	-3	0	0	4.94	0
FLQi060	Chimney/Wall5									

		60.65	0		57.32	0.04	-3	0	0	4.94	0
FLQi061	Chimney/Wall6										
		60.65	0		57.32	0.04	-3	0	0	4.94	0
FLQi062	Chimney/Wall7										
		60.65	0		57.32	0.04	-3	0	0	4.94	0
FLQi063	Chimney/Wall8										
		60.65	0		57.32	0.04	-3	0	0	4.94	0
FLQi064	Chimney/Wall9										
		60.65	0		57.32	0.04	-3	0	0	4.93	0
FLQi065	Chimney/Wall10										
		60.65	0		57.33	0.04	-3	0	0	4.93	0
FLQi066	Chimney/Wall11										
		60.65	0		57.33	0.04	-3	0	0	4.93	0
FLQi067	Chimney/Wall12										
		60.65	0		57.33	0.04	-3	0	0	4.93	0
FLQi068	Chimney/Wall13										
		60.65	0		57.34	0.04	-3	0	0	4.93	0
FLQi069	Chimney/Wall14										
		60.65	0		57.34	0.04	-3	0	0	6.06	0
FLQi070	Chimney/Wall15										
		60.65	0		57.34	0.04	-3	0	0	7.63	0
FLQi071	Chimney/Wall16										
		60.65	0		57.34	0.04	-3	0	0	7.94	0

BS 5228	Laeq = Lwa,T - Kh - K* + Afac | K* = max(Ks-Kh, Ascr)							
Element	Label	LwA,T		Kh	Ks-Kh	Ascr	K*	Afac
		/dB(A)	/m	/dB	/dB	/dB	/dB	/dB
HAUL009	Wheeled Loader to/fr	78.74		53.15			10	0

IPKT	IPKT: Name	IPKT: x /m	IPKT: y /m	Lr(IP) /dB(A)
IPkt097	44 Rochdale Road 1 GF S/W	405315.4	422952.4	31.39

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
EZQi001	Chimney Opening	74.1	0	52.44	0.11	-3	0	0	1	0
EZQi005	Vent Opening	71.81	0	53.18	0.04	-3.18	0	0	10.02	0

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
FLQi044	SWIP Building/NW Wall									
		69.95	0	52.28	0.09	-3	0	0	4.73	0
FLQi045	SWIP Building/NE Wall									
		73.98	0	52.8	0.1	-3.17	0	0	4.12	0
FLQi046	SWIP Building/SE#1 Wall									
		53.74	0	53.51	0.03	-3.51	0	0	9.76	0
FLQi047	SWIP Building/SW#3 Wall									
		54.14	0	53.55	0.03	-3.33	0	0	9.32	0
FLQi048	SWIP Building/SE#2 Wall									
		38.3	0	53.52	0.03	-3.79	0	0	9.65	0
FLQi049	SWIP Building/SW#2 Wall									
		66.38	0	53.18	0.05	-3.15	0	0	10.65	0
FLQi050	SWIP Building/SE#3 Wall									
		50.53	0	52.85	0.03	-3.04	0	0	11.18	0
FLQi051	SWIP Building/SW#1 Wall									
		67.82	0	52.66	0.08	-3.02	0	0	5.72	0

FLQi052	SWIP Building/Roof									
		81.01	0	52.83	0.11	-3	0	0	4.2	0
FLQi056	Chimney/Wall1									
		60.65	0	52.45	0.03	-3	0	0	0	0
FLQi057	Chimney/Wall2									
		60.65	0	52.44	0.03	-3	0	0	0	0
FLQi058	Chimney/Wall3									
		60.65	0	52.44	0.03	-3	0	0	0	0
FLQi059	Chimney/Wall4									
		60.65	0	52.44	0.03	-3	0	0	0	0
FLQi060	Chimney/Wall5									
		60.65	0	52.44	0.03	-3	0	0	0	0
FLQi061	Chimney/Wall6									
		60.65	0	52.44	0.03	-3	0	0	0	0
FLQi062	Chimney/Wall7									
		60.65	0	52.45	0.03	-3	0	0	0	0
FLQi063	Chimney/Wall8									
		60.65	0	52.45	0.03	-3	0	0	0	0
FLQi064	Chimney/Wall9									
		60.65	0	52.46	0.03	-3	0	0	0	0
FLQi065	Chimney/Wall10									
		60.65	0	52.46	0.03	-3	0	0	0	0
FLQi066	Chimney/Wall11									
		60.65	0	52.46	0.03	-3	0	0	0.73	0
FLQi067	Chimney/Wall12									
		60.65	0	52.47	0.03	-3	0	0	1.4	0
FLQi068	Chimney/Wall13									
		60.65	0	52.47	0.03	-3	0	0	1.43	0
FLQi069	Chimney/Wall14									

		60.65	0		52.46	0.03	-3	0	0	0	0
FLQi070	Chimney/Wall15									
		60.65	0		52.46	0.03	-3	0	0	0	0
FLQi071	Chimney/Wall16									
		60.65	0		52.45	0.03	-3	0	0	0	0

BS 5228	Laeq = Lwa,T - Kh - K* + Afac | K* = max(Ks-Kh, Ascr)								
Element	Label	LwA,T		Kh	Ks-Kh	Ascr	K*	Afac	
		/dB(A)	/m	/dB	/dB	/dB	/dB	/dB	/dB
HAUL009	Wheeled Loader to/fr	78.74		50.33			7.54	0	

IPKT	IPKT: Name	IPKT: x /m	IPKT: y /m	Lr(IP) /dB(A)
IPkt098	44 Rochdale Road 1 UF1S/W	405315.4	422952.4	32.39

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
EZQi001	Chimney Opening	74.1	0	52.45	0.11	-3	0	0	0.99	0
EZQi005	Vent Opening	71.81	0	53.21	0.04	-3	0	0	9.94	0

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
FLQi044	SWIP Building/NW Wall									
		69.95	0	52.31	0.1	-3	0	0	4.15	0
FLQi045	SWIP Building/NE Wall									
		73.98	0	52.84	0.11	-3	0	0	3.71	0
FLQi046	SWIP Building/SE#1 Wall									

		53.74	0	53.52	0.03	-3	0	0	9.57	0
FLQi047	SWIP Building/SW#3 Wall									
		54.14	0	53.56	0.03	-3	0	0	8.82	0
FLQi048	SWIP Building/SE#2 Wall									
		38.3	0	53.54	0.03	-3	0	0	9.51	0
FLQi049	SWIP Building/SW#2 Wall									
		66.38	0	53.21	0.05	-3	0	0	10.21	0
FLQi050	SWIP Building/SE#3 Wall									
		50.53	0	52.89	0.03	-3	0	0	9.59	0
FLQi051	SWIP Building/SW#1 Wall									
		67.82	0	52.7	0.08	-3	0	0	5.07	0
FLQi052	SWIP Building/Roof									
		81.01	0	52.86	0.11	-3	0	0	3.76	0
FLQi056	Chimney/Wall1									
		60.65	0	52.47	0.03	-3	0	0	0	0
FLQi057	Chimney/Wall2									
		60.65	0	52.46	0.03	-3	0	0	0	0
FLQi058	Chimney/Wall3									
		60.65	0	52.46	0.03	-3	0	0	0	0
FLQi059	Chimney/Wall4									
		60.65	0	52.46	0.03	-3	0	0	0	0
FLQi060	Chimney/Wall5									
		60.65	0	52.46	0.03	-3	0	0	0	0
FLQi061	Chimney/Wall6									
		60.65	0	52.46	0.03	-3	0	0	0	0
FLQi062	Chimney/Wall7									
		60.65	0	52.46	0.03	-3	0	0	0	0
FLQi063	Chimney/Wall8									
		60.65	0	52.47	0.03	-3	0	0	0	0

FLQi064	Chimney/Wall9									
		60.65	0		52.47	0.03	-3	0	0	0	0
FLQi065	Chimney/Wall10									
		60.65	0		52.48	0.03	-3	0	0	0	0
FLQi066	Chimney/Wall11									
		60.65	0		52.48	0.03	-3	0	0	0.73	0
FLQi067	Chimney/Wall12									
		60.65	0		52.48	0.03	-3	0	0	1.39	0
FLQi068	Chimney/Wall13									
		60.65	0		52.48	0.03	-3	0	0	1.42	0
FLQi069	Chimney/Wall14									
		60.65	0		52.48	0.03	-3	0	0	0	0
FLQi070	Chimney/Wall15									
		60.65	0		52.48	0.03	-3	0	0	0	0
FLQi071	Chimney/Wall16									
		60.65	0		52.47	0.03	-3	0	0	0	0

BS 5228	Laeq = Lwa,T - Kh - K* + Afac | K* = max(Ks-Kh, Ascr)								
Element	Label	LwA,T		Kh	Ks-Kh	Ascr	K*	Afac	
		/dB(A)	/m	/dB	/dB	/dB	/dB	/dB	/dB
HAUL009	Wheeled Loader to/fr	78.74		50.44			3.54	0	

IPKT	IPKT: Name	IPKT: x /m	IPKT: y /m	Lr(IP) /dB(A)
IPkt111	44 Rochdale Road 8 GF S/E	405323	422953.9	31.78

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc		Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB		/dB	/dB	/dB	/dB	/dB	/dB	/dB

EZQi001	Chimney Opening	74.1	0	52.41	0.11	-3	0	0	1	0
EZQi005	Vent Opening	71.81	0	53.14	0.05	-3.17	0	0	10.36	0

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
FLQi044	SWIP Building/NW Wall									
		69.95	0	52.23	0.09	-3	0	0	4.78	0
FLQi045	SWIP Building/NE Wall									
		73.98	0	52.71	0.1	-3.18	0	0	4.64	0
FLQi046	SWIP Building/SE#1 Wall									
		53.74	0	53.43	0.03	-3.49	0	0	9.71	0
FLQi047	SWIP Building/SW#3 Wall									
		54.14	0	53.5	0.03	-3.32	0	0	9.52	0
FLQi048	SWIP Building/SE#2 Wall									
		38.3	0	53.47	0.03	-3.77	0	0	9.83	0
FLQi049	SWIP Building/SW#2 Wall									
		66.38	0	53.14	0.05	-3.15	0	0	10.86	0
FLQi050	SWIP Building/SE#3 Wall									
		50.53	0	52.82	0.03	-3.04	0	0	11.23	0
FLQi051	SWIP Building/SW#1 Wall									
		67.82	0	52.65	0.08	-3.02	0	0	6.04	0
FLQi052	SWIP Building/Roof									
		81.01	0	52.77	0.11	-3	0	0	4.18	0
FLQi056	Chimney/Wall1									
		60.65	0	52.41	0.03	-3	0	0	0.92	0
FLQi057	Chimney/Wall2									
		60.65	0	52.41	0.03	-3	0	0	0.92	0
FLQi058	Chimney/Wall3									

		60.65	0	52.4	0.03	-3	0	0	0.92	0
FLQi059	Chimney/Wall4									
		60.65	0	52.4	0.03	-3	0	0	0.92	0
FLQi060	Chimney/Wall5									
		60.65	0	52.4	0.03	-3	0	0	0.92	0
FLQi061	Chimney/Wall6									
		60.65	0	52.41	0.03	-3	0	0	0.92	0
FLQi062	Chimney/Wall7									
		60.65	0	52.41	0.03	-3	0	0	0.92	0
FLQi063	Chimney/Wall8									
		60.65	0	52.42	0.03	-3	0	0	0.92	0
FLQi064	Chimney/Wall9									
		60.65	0	52.42	0.03	-3	0	0	0.92	0
FLQi065	Chimney/Wall10									
		60.65	0	52.43	0.03	-3	0	0	0.92	0
FLQi066	Chimney/Wall11									
		60.65	0	52.43	0.03	-3	0	0	1.47	0
FLQi067	Chimney/Wall12									
		60.65	0	52.43	0.03	-3	0	0	1.39	0
FLQi068	Chimney/Wall13									
		60.65	0	52.43	0.03	-3	0	0	1.45	0
FLQi069	Chimney/Wall14									
		60.65	0	52.43	0.03	-3	0	0	0.92	0
FLQi070	Chimney/Wall15									
		60.65	0	52.42	0.03	-3	0	0	0.92	0
FLQi071	Chimney/Wall16									
		60.65	0	52.42	0.03	-3	0	0	0.92	0

BS 5228 Laeq = Lwa,T - Kh - K* + Afac | K* = max(Ks-Kh, Ascr)

Element	Label	LwA,T		Kh	Ks-Kh	Ascr	K*	Afac	
		/dB(A)	/m	/dB	/dB	/dB	/dB	/dB	/dB
HAUL009	Wheeled Loader to/fr	78.74		50.62			4.35	0	

IPKT	IPKT: Name	IPKT: x /m	IPKT: y /m	Lr(IP) /dB(A)
IPkt112	44 Rochdale Road 8 UF1S/E	405323	422953.9	32.48

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
EZQi001	Chimney Opening	74.1	0	52.42	0.11	-3	0	0	0.98	0
EZQi005	Vent Opening	71.81	0	53.17	0.04	-3	0	0	10.28	0

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
FLQi044	SWIP Building/NW Wall									
		69.95	0	52.27	0.1	-3	0	0	4.2	0
FLQi045	SWIP Building/NE Wall									
		73.98	0	52.61	0.1	-3	0	0	2.22	0
FLQi046	SWIP Building/SE#1 Wall									
		53.74	0	53.45	0.03	-3	0	0	9.52	0
FLQi047	SWIP Building/SW#3 Wall									
		54.14	0	53.52	0.03	-3	0	0	9.03	0
FLQi048	SWIP Building/SE#2 Wall									
		38.3	0	53.49	0.03	-3	0	0	9.69	0
FLQi049	SWIP Building/SW#2 Wall									
		66.38	0	53.16	0.05	-3	0	0	10.43	0

FLQi050	SWIP Building/SE#3 Wall									
		50.53	0	52.86	0.03	-3	0	0	9.71	0
FLQi051	SWIP Building/SW#1 Wall									
		67.82	0	52.68	0.08	-3	0	0	5.38	0
FLQi052	SWIP Building/Roof									
		81.01	0	52.8	0.11	-3	0	0	3.73	0
FLQi056	Chimney/Wall1									
		60.65	0	52.43	0.03	-3	0	0	0	0
FLQi057	Chimney/Wall2									
		60.65	0	52.42	0.03	-3	0	0	0	0
FLQi058	Chimney/Wall3									
		60.65	0	52.42	0.03	-3	0	0	0	0
FLQi059	Chimney/Wall4									
		60.65	0	52.42	0.03	-3	0	0	0	0
FLQi060	Chimney/Wall5									
		60.65	0	52.42	0.03	-3	0	0	0	0
FLQi061	Chimney/Wall6									
		60.65	0	52.42	0.03	-3	0	0	0	0
FLQi062	Chimney/Wall7									
		60.65	0	52.43	0.03	-3	0	0	0	0
FLQi063	Chimney/Wall8									
		60.65	0	52.43	0.03	-3	0	0	0	0
FLQi064	Chimney/Wall9									
		60.65	0	52.44	0.03	-3	0	0	0	0
FLQi065	Chimney/Wall10									
		60.65	0	52.44	0.03	-3	0	0	0	0
FLQi066	Chimney/Wall11									
		60.65	0	52.45	0.03	-3	0	0	1.46	0
FLQi067	Chimney/Wall12									

		60.65	0		52.45	0.03	-3	0	0	1.38	0
FLQi068	Chimney/Wall13										
		60.65	0		52.45	0.03	-3	0	0	1.44	0
FLQi069	Chimney/Wall14										
		60.65	0		52.44	0.03	-3	0	0	0	0
FLQi070	Chimney/Wall15										
		60.65	0		52.44	0.03	-3	0	0	0	0
FLQi071	Chimney/Wall16										
		60.65	0		52.43	0.03	-3	0	0	0	0

BS 5228	Laeq = Lwa,T - Kh - K* + Afac | K* = max(Ks-Kh, Ascr)								
Element	Label	LwA,T		Kh	Ks-Kh	Ascr	K*	Afac	
		/dB(A)	/m	/dB	/dB	/dB	/dB	/dB	/dB
HAUL009	Wheeled Loader to/fr	78.74		50.57			3.81	0	

IPKT	IPKT: Name	IPKT: x /m	IPKT: y /m	Lr(IP) /dB(A)
IPkt113	28 Rochdale Road 1 GF S/W	405357.2	422976.8	29.39

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
EZQi001	Chimney Opening	74.1	0	53.77	0.13	-3	0	0	1.01	0
EZQi005	Vent Opening	71.81	0	54.33	0.07	-3.54	0	0	13.48	0

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
FLQi044	SWIP Building/NW Wall									

		69.95	0	53.58	0.09	-3.13	0	0	5.19	0
FLQi045	SWIP Building/NE Wall									
		73.98	0	53.77	0.1	-3.23	0	0	4.91	0
FLQi046	SWIP Building/SE#1 Wall									
		53.74	0	54.42	0.04	-3.38	0	0	10.53	0
FLQi047	SWIP Building/SW#3 Wall									
		54.14	0	54.6	0.04	-3.41	0	0	10.35	0
FLQi048	SWIP Building/SE#2 Wall									
		38.3	0	54.58	0.03	-3.71	0	0	11.59	0
FLQi049	SWIP Building/SW#2 Wall									
		66.38	0	54.32	0.06	-3.24	0	0	12.22	0
FLQi050	SWIP Building/SE#3 Wall									
		50.53	0	54.13	0.03	-3.16	0	0	11.53	0
FLQi051	SWIP Building/SW#1 Wall									
		67.82	0	54.06	0.07	-3.05	0	0	8.83	0
FLQi052	SWIP Building/Roof									
		81.01	0	53.95	0.11	-3	0	0	4.45	0
FLQi056	Chimney/Wall1									
		60.65	0	53.77	0.05	-3	0	0	3.12	0
FLQi057	Chimney/Wall2									
		60.65	0	53.77	0.05	-3	0	0	3.12	0
FLQi058	Chimney/Wall3									
		60.65	0	53.77	0.05	-3	0	0	3.12	0
FLQi059	Chimney/Wall4									
		60.65	0	53.77	0.05	-3	0	0	3.12	0
FLQi060	Chimney/Wall5									
		60.65	0	53.77	0.05	-3	0	0	3.12	0
FLQi061	Chimney/Wall6									
		60.65	0	53.77	0.05	-3	0	0	3.13	0

FLQi062	Chimney/Wall7									
		60.65	0		53.78	0.05	-3	0	0	3.13	0
FLQi063	Chimney/Wall8									
		60.65	0		53.78	0.05	-3	0	0	3.13	0
FLQi064	Chimney/Wall9									
		60.65	0		53.79	0.05	-3	0	0	3.12	0
FLQi065	Chimney/Wall10									
		60.65	0		53.79	0.04	-3	0	0	2.29	0
FLQi066	Chimney/Wall11									
		60.65	0		53.79	0.03	-3	0	0	1.41	0
FLQi067	Chimney/Wall12									
		60.65	0		53.79	0.03	-3	0	0	1.43	0
FLQi068	Chimney/Wall13									
		60.65	0		53.79	0.05	-3	0	0	3.12	0
FLQi069	Chimney/Wall14									
		60.65	0		53.79	0.05	-3	0	0	3.12	0
FLQi070	Chimney/Wall15									
		60.65	0		53.78	0.05	-3	0	0	3.12	0
FLQi071	Chimney/Wall16									
		60.65	0		53.78	0.05	-3	0	0	3.12	0

BS 5228	Laeq = Lwa,T - Kh - K* + Afac | K* = max(Ks-Kh, Ascr)								
Element	Label	LwA,T		Kh	Ks-Kh	Ascr	K*	Afac	
		/dB(A)	/m	/dB	/dB	/dB	/dB	/dB	/dB
HAUL009	Wheeled Loader to/fr	78.74		52.03			9.03	0	

IPKT	IPKT: Name	IPKT: x /m	IPKT: y /m	Lr(IP) /dB(A)
IPkt114	28 Rochdale Road 1 UF1S/W	405357.2	422976.8	30.04

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
EZQi001	Chimney Opening	74.1	0	53.78	0.13	-3	0	0	1	0
EZQi005	Vent Opening	71.81	0	54.35	0.07	-3	0	0	13.38	0

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
FLQi044	SWIP Building/NW Wall									
		69.95	0	53.59	0.09	-3	0	0	4.92	0
FLQi045	SWIP Building/NE Wall									
		73.98	0	53.79	0.12	-3	0	0	4.38	0
FLQi046	SWIP Building/SE#1 Wall									
		53.74	0	54.45	0.04	-3	0	0	9.1	0
FLQi047	SWIP Building/SW#3 Wall									
		54.14	0	54.61	0.04	-3.02	0	0	9.64	0
FLQi048	SWIP Building/SE#2 Wall									
		38.3	0	54.59	0.03	-3	0	0	10.11	0
FLQi049	SWIP Building/SW#2 Wall									
		66.38	0	54.34	0.06	-3	0	0	11.3	0
FLQi050	SWIP Building/SE#3 Wall									
		50.53	0	54.14	0.03	-3	0	0	11.35	0
FLQi051	SWIP Building/SW#1 Wall									
		67.82	0	54.06	0.08	-3	0	0	6.89	0
FLQi052	SWIP Building/Roof									
		81.01	0	53.97	0.12	-3	0	0	4.14	0
FLQi056	Chimney/Wall1									

		60.65	0	53.78	0.03	-3	0	0	0	0
FLQi057	Chimney/Wall2									
		60.65	0	53.78	0.03	-3	0	0	0	0
FLQi058	Chimney/Wall3									
		60.65	0	53.78	0.03	-3	0	0	0	0
FLQi059	Chimney/Wall4									
		60.65	0	53.78	0.03	-3	0	0	0	0
FLQi060	Chimney/Wall5									
		60.65	0	53.78	0.03	-3	0	0	0	0
FLQi061	Chimney/Wall6									
		60.65	0	53.78	0.03	-3	0	0	0	0
FLQi062	Chimney/Wall7									
		60.65	0	53.79	0.03	-3	0	0	0	0
FLQi063	Chimney/Wall8									
		60.65	0	53.79	0.03	-3	0	0	0	0
FLQi064	Chimney/Wall9									
		60.65	0	53.8	0.03	-3	0	0	0	0
FLQi065	Chimney/Wall10									
		60.65	0	53.8	0.03	-3	0	0	0.74	0
FLQi066	Chimney/Wall11									
		60.65	0	53.8	0.03	-3	0	0	1.4	0
FLQi067	Chimney/Wall12									
		60.65	0	53.8	0.03	-3	0	0	1.42	0
FLQi068	Chimney/Wall13									
		60.65	0	53.8	0.03	-3	0	0	0	0
FLQi069	Chimney/Wall14									
		60.65	0	53.8	0.03	-3	0	0	0	0
FLQi070	Chimney/Wall15									
		60.65	0	53.79	0.03	-3	0	0	0	0

FLQi071	Chimney/Wall16									
		60.65	0		53.79	0.03	-3	0	0	0	0

BS 5228	Laeq = Lwa,T - Kh - K* + Afac | K* = max(Ks-Kh, Ascr)									
Element	Label	LwA,T		Kh	Ks-Kh	Ascr	K*	Afac		
		/dB(A)	/m	/dB	/dB	/dB	/dB	/dB	/dB	
HAUL009	Wheeled Loader to/fr	78.74		52.14			8.31	0		

IPKT	IPKT: Name	IPKT: x /m	IPKT: y /m	Lr(IP) /dB(A)						
IPkt121	28 Rochdale Road 5 GF S/E	405363.5	422974.7	28.98						

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
EZQi001	Chimney Opening	74.1	0	53.67	0.13	-3	0	0	1.02	0
EZQi005	Vent Opening	71.81	0	54.21	0.07	-3.51	0	0	13.6	0

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
FLQi044	SWIP Building/NW Wall									
		69.95	0	53.46	0.09	-3.11	0	0	5.39	0
FLQi045	SWIP Building/NE Wall									
		73.98	0	53.62	0.09	-3.11	0	0	3.17	0
FLQi046	SWIP Building/SE#1 Wall									
		53.74	0	54.3	0.04	-3.55	0	0	12.7	0
FLQi047	SWIP Building/SW#3 Wall									
		54.14	0	54.47	0.04	-3.39	0	0	10.93	0

FLQi048	SWIP Building/SE#2 Wall									
		38.3	0	54.45	0.04	-3.82	0	0	12.74	0
FLQi049	SWIP Building/SW#2 Wall									
		66.38	0	54.2	0.06	-3.23	0	0	12.31	0
FLQi050	SWIP Building/SE#3 Wall									
		50.53	0	54.02	0.03	-3.2	0	0	12.58	0
FLQi051	SWIP Building/SW#1 Wall									
		67.82	0	53.97	0.07	-3.05	0	0	9.02	0
FLQi052	SWIP Building/Roof									
		81.01	0	53.82	0.1	-3	0	0	4.66	0
FLQi056	Chimney/Wall1									
		60.65	0	53.66	0.04	-3	0	0	4.41	0
FLQi057	Chimney/Wall2									
		60.65	0	53.66	0.04	-3	0	0	4.41	0
FLQi058	Chimney/Wall3									
		60.65	0	53.66	0.04	-3	0	0	4.41	0
FLQi059	Chimney/Wall4									
		60.65	0	53.66	0.04	-3	0	0	4.41	0
FLQi060	Chimney/Wall5									
		60.65	0	53.66	0.04	-3	0	0	4.41	0
FLQi061	Chimney/Wall6									
		60.65	0	53.67	0.04	-3	0	0	4.41	0
FLQi062	Chimney/Wall7									
		60.65	0	53.67	0.04	-3	0	0	4.41	0
FLQi063	Chimney/Wall8									
		60.65	0	53.68	0.04	-3	0	0	4.41	0
FLQi064	Chimney/Wall9									
		60.65	0	53.68	0.04	-3	0	0	4.41	0
FLQi065	Chimney/Wall10									

		60.65	0		53.68	0.03	-3	0	0	2.71	0
FLQi066	Chimney/Wall11										
		60.65	0		53.69	0.03	-3	0	0	1.41	0
FLQi067	Chimney/Wall12										
		60.65	0		53.68	0.03	-3	0	0	1.45	0
FLQi068	Chimney/Wall13										
		60.65	0		53.68	0.04	-3	0	0	4.41	0
FLQi069	Chimney/Wall14										
		60.65	0		53.68	0.04	-3	0	0	4.41	0
FLQi070	Chimney/Wall15										
		60.65	0		53.67	0.04	-3	0	0	4.41	0
FLQi071	Chimney/Wall16										
		60.65	0		53.67	0.04	-3	0	0	4.41	0

BS 5228	Laeq = Lwa,T - Kh - K* + Afac | K* = max(Ks-Kh, Ascr)									
Element	Label	LwA,T		Kh	Ks-Kh	Ascr	K*	Afac		
		/dB(A)	/m	/dB	/dB	/dB	/dB	/dB	/dB	
HAUL009	Wheeled Loader to/fr	78.74		51.79			10	0		

IPKT	IPKT: Name	IPKT: x /m	IPKT: y /m	Lr(IP) /dB(A)
IPkt122	28 Rochdale Road 5 UF1S/E	405363.5	422974.7	29.67

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
EZQi001	Chimney Opening	74.1	0	53.67	0.13	-3	0	0	1.01	0
EZQi005	Vent Opening	71.81	0	54.22	0.07	-3	0	0	13.5	0

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
FLQi044	SWIP Building/NW Wall									
		69.95	0	53.47	0.09	-3	0	0	5.07	0
FLQi045	SWIP Building/NE Wall									
		73.98	0	53.62	0.11	-3	0	0	4.78	0
FLQi046	SWIP Building/SE#1 Wall									
		53.74	0	54.28	0.04	-3	0	0	10.04	0
FLQi047	SWIP Building/SW#3 Wall									
		54.14	0	54.49	0.03	-3.02	0	0	9.69	0
FLQi048	SWIP Building/SE#2 Wall									
		38.3	0	54.46	0.03	-3	0	0	11.22	0
FLQi049	SWIP Building/SW#2 Wall									
		66.38	0	54.22	0.06	-3	0	0	11.4	0
FLQi050	SWIP Building/SE#3 Wall									
		50.53	0	54.03	0.03	-3	0	0	11.42	0
FLQi051	SWIP Building/SW#1 Wall									
		67.82	0	53.98	0.07	-3	0	0	8.79	0
FLQi052	SWIP Building/Roof									
		81.01	0	53.83	0.12	-3	0	0	4.38	0
FLQi056	Chimney/Wall1									
		60.65	0	53.67	0.04	-3	0	0	0.83	0
FLQi057	Chimney/Wall2									
		60.65	0	53.67	0.04	-3	0	0	0.83	0
FLQi058	Chimney/Wall3									
		60.65	0	53.67	0.04	-3	0	0	0.83	0
FLQi059	Chimney/Wall4									
		60.65	0	53.67	0.03	-3	0	0	0	0

FLQi060	Chimney/Wall5									
		60.65	0		53.67	0.03	-3	0	0	0	0
FLQi061	Chimney/Wall6									
		60.65	0		53.67	0.03	-3	0	0	0	0
FLQi062	Chimney/Wall7									
		60.65	0		53.68	0.03	-3	0	0	0	0
FLQi063	Chimney/Wall8									
		60.65	0		53.68	0.04	-3	0	0	0.83	0
FLQi064	Chimney/Wall9									
		60.65	0		53.69	0.04	-3	0	0	0.83	0
FLQi065	Chimney/Wall10									
		60.65	0		53.69	0.04	-3	0	0	1.73	0
FLQi066	Chimney/Wall11									
		60.65	0		53.69	0.03	-3	0	0	1.4	0
FLQi067	Chimney/Wall12									
		60.65	0		53.69	0.03	-3	0	0	1.44	0
FLQi068	Chimney/Wall13									
		60.65	0		53.69	0.04	-3	0	0	0.88	0
FLQi069	Chimney/Wall14									
		60.65	0		53.69	0.04	-3	0	0	0.85	0
FLQi070	Chimney/Wall15									
		60.65	0		53.68	0.04	-3	0	0	0.83	0
FLQi071	Chimney/Wall16									
		60.65	0		53.68	0.04	-3	0	0	0.83	0

BS 5228	Laeq = Lwa,T - Kh - K* + Afac | K* = max(Ks-Kh, Ascr)								
Element	Label	LwA,T		Kh	Ks-Kh	Ascr	K*	Afac	
		/dB(A)	/m	/dB	/dB	/dB	/dB	/dB	/dB
HAUL009	Wheeled Loader to/fr	78.74		51.94			9.48	0	

Table 4.6.2 Detailed Night-time Calculation Results

Noise prediction										
SWIP Operations	Setting: Copy from "Reference Setting"	Night								
IPKT	IPKT: Name	IPKT: x /m	IPKT: y /m	Lr(IP) /dB(A)						
IPkt017	46 Rochdale Road 5 GF S/W	405292.4	422942	27.59						
ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
EZQi001	Chimney Opening	74.1	0	52.39	0.09	-3	0	0	4.42	0
EZQi005	Vent Opening	71.81	0	53.15	0.04	-3.17	0	0	14.39	0
ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
FLQi044	SWIP Building/NW Wall									
		69.95	0	52.27	0.08	-3	0	0	7.11	0
FLQi045	SWIP Building/NE Wall									
		73.98	0	52.95	0.05	-3.1	0	0	18.86	0
FLQi046	SWIP Building/SE#1 Wall									
		53.74	0	53.57	0.03	-3.68	0	0	16.74	0
FLQi047	SWIP Building/SW#3 Wall									
		54.14	0	53.53	0.03	-3.34	0	0	14.33	0
FLQi048	SWIP Building/SE#2 Wall									
		38.3	0	53.5	0.03	-3.86	0	0	13.44	0
FLQi049	SWIP Building/SW#2 Wall									

		66.38	0	53.19	0.05	-3.18	0	0	16.11	0
FLQi050	SWIP Building/SE#3 Wall									
		50.53	0	52.77	0.03	-3.03	0	0	17.29	0
FLQi051	SWIP Building/SW#1 Wall									
		67.82	0	52.53	0.09	-3.01	0	0	5.91	0
FLQi052	SWIP Building/Roof									
		81.01	0	52.86	0.08	-3	0	0	4.56	0
FLQi056	Chimney/Wall1									
		60.65	0	52.4	0.03	-3	0	0	4.14	0
FLQi057	Chimney/Wall2									
		60.65	0	52.4	0.03	-3	0	0	4.14	0
FLQi058	Chimney/Wall3									
		60.65	0	52.39	0.03	-3	0	0	4.14	0
FLQi059	Chimney/Wall4									
		60.65	0	52.39	0.03	-3	0	0	4.14	0
FLQi060	Chimney/Wall5									
		60.65	0	52.39	0.03	-3	0	0	4.14	0
FLQi061	Chimney/Wall6									
		60.65	0	52.39	0.03	-3	0	0	4.14	0
FLQi062	Chimney/Wall7									
		60.65	0	52.4	0.03	-3	0	0	4.14	0
FLQi063	Chimney/Wall8									
		60.65	0	52.4	0.03	-3	0	0	4.14	0
FLQi064	Chimney/Wall9									
		60.65	0	52.41	0.03	-3	0	0	4.14	0
FLQi065	Chimney/Wall10									
		60.65	0	52.41	0.03	-3	0	0	4.14	0
FLQi066	Chimney/Wall11									
		60.65	0	52.42	0.03	-3	0	0	4.14	0

FLQi067	Chimney/Wall12									
		60.65	0		52.42	0.03	-3	0	0	4.72	0
FLQi068	Chimney/Wall13									
		60.65	0		52.42	0.03	-3	0	0	5.21	0
FLQi069	Chimney/Wall14									
		60.65	0		52.42	0.03	-3	0	0	4.91	0
FLQi070	Chimney/Wall15									
		60.65	0		52.41	0.03	-3	0	0	4.14	0
FLQi071	Chimney/Wall16									
		60.65	0		52.41	0.03	-3	0	0	4.14	0

BS 5228	Laeq = Lwa,T - Kh - K* + Afac | K* = max(Ks-Kh, Ascr)									
Element	Label	LwA,T		Kh	Ks-Kh	Ascr	K*	Afac		
		/dB(A)	/m	/dB	/dB	/dB	/dB	/dB	/dB	
HAUL009	Wheeled Loader to/fr			49.74			6.81	0		

IPKT	IPKT: Name	IPKT: x /m	IPKT: y /m	Lr(IP) /dB(A)						
IPkt018	46 Rochdale Road 5 UF1S/W	405292.4	422942	27.82						

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
EZQi001	Chimney Opening	74.1	0	52.41	0.09	-3	0	0	4	0
EZQi005	Vent Opening	71.81	0	53.18	0.04	-3	0	0	13.34	0

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB

FLQi044	SWIP Building/NW Wall									
		69.95	0	52.3	0.07	-3	0	0	6.43	0
FLQi045	SWIP Building/NE Wall									
		73.98	0	52.99	0.05	-3	0	0	17.01	0
FLQi046	SWIP Building/SE#1 Wall									
		53.74	0	53.59	0.03	-3	0	0	15.81	0
FLQi047	SWIP Building/SW#3 Wall									
		54.14	0	53.55	0.03	-3	0	0	13.16	0
FLQi048	SWIP Building/SE#2 Wall									
		38.3	0	53.52	0.03	-3	0	0	12.94	0
FLQi049	SWIP Building/SW#2 Wall									
		66.38	0	53.22	0.05	-3	0	0	14.37	0
FLQi050	SWIP Building/SE#3 Wall									
		50.53	0	52.81	0.03	-3	0	0	13.77	0
FLQi051	SWIP Building/SW#1 Wall									
		67.82	0	52.58	0.09	-3	0	0	4.94	0
FLQi052	SWIP Building/Roof									
		81.01	0	52.88	0.08	-3	0	0	4.15	0
FLQi056	Chimney/Wall1									
		60.65	0	52.42	0.03	-3	0	0	3.58	0
FLQi057	Chimney/Wall2									
		60.65	0	52.41	0.03	-3	0	0	3.58	0
FLQi058	Chimney/Wall3									
		60.65	0	52.41	0.03	-3	0	0	3.58	0
FLQi059	Chimney/Wall4									
		60.65	0	52.41	0.03	-3	0	0	3.58	0
FLQi060	Chimney/Wall5									
		60.65	0	52.41	0.03	-3	0	0	3.58	0
FLQi061	Chimney/Wall6									

		60.65	0		52.41	0.03	-3	0	0	3.58	0
FLQi062	Chimney/Wall7										
		60.65	0		52.41	0.03	-3	0	0	3.57	0
FLQi063	Chimney/Wall8										
		60.65	0		52.42	0.03	-3	0	0	3.57	0
FLQi064	Chimney/Wall9										
		60.65	0		52.42	0.03	-3	0	0	3.57	0
FLQi065	Chimney/Wall10										
		60.65	0		52.43	0.03	-3	0	0	3.57	0
FLQi066	Chimney/Wall11										
		60.65	0		52.43	0.03	-3	0	0	3.57	0
FLQi067	Chimney/Wall12										
		60.65	0		52.43	0.03	-3	0	0	4.61	0
FLQi068	Chimney/Wall13										
		60.65	0		52.44	0.03	-3	0	0	5.08	0
FLQi069	Chimney/Wall14										
		60.65	0		52.44	0.03	-3	0	0	4.49	0
FLQi070	Chimney/Wall15										
		60.65	0		52.43	0.03	-3	0	0	3.58	0
FLQi071	Chimney/Wall16										
		60.65	0		52.43	0.03	-3	0	0	3.58	0

BS 5228	Laeq = Lwa,T - Kh - K* + Afac | K* = max(Ks-Kh, Ascr)								
Element	Label	LwA,T		Kh	Ks-Kh	Ascr	K*	Afac	
		/dB(A)	/m	/dB	/dB	/dB	/dB	/dB	/dB
HAUL009	Wheeled Loader to/fr			49.81			2.79	0	

IPKT	IPKT: Name	IPKT: x /m	IPKT: y /m	Lr(IP) /dB(A)

IPkt019	46 Rochdale Road 6 GF South	405295.4	422939.2	31.12						

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
EZQi001	Chimney Opening	74.1	0	52.1	0.11	-3	0	0	1	0
EZQi005	Vent Opening	71.81	0	52.88	0.04	-3.08	0	0	9.66	0

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
FLQi044	SWIP Building/NW Wall									
		69.95	0	51.98	0.08	-3	0	0	4.7	0
FLQi045	SWIP Building/NE Wall									
		73.98	0	52.64	0.08	-3.02	0	0	4.8	0
FLQi046	SWIP Building/SE#1 Wall									
		53.74	0	53.31	0.03	-3.51	0	0	10.13	0
FLQi047	SWIP Building/SW#3 Wall									
		54.14	0	53.28	0.03	-3.28	0	0	8.55	0
FLQi048	SWIP Building/SE#2 Wall									
		38.3	0	53.24	0.03	-3.79	0	0	8.89	0
FLQi049	SWIP Building/SW#2 Wall									
		66.38	0	52.89	0.05	-3.11	0	0	8.63	0
FLQi050	SWIP Building/SE#3 Wall									
		50.53	0	52.49	0.03	-3.01	0	0	11.02	0
FLQi051	SWIP Building/SW#1 Wall									
		67.82	0	52.25	0.09	-3.05	0	0	4.1	0
FLQi052	SWIP Building/Roof									
		81.01	0	52.59	0.11	-3	0	0	4.2	0

FLQi056	Chimney/Wall1									
		60.65	0	52.11	0.03	-3	0	0	0	0
FLQi057	Chimney/Wall2									
		60.65	0	52.1	0.03	-3	0	0	0	0
FLQi058	Chimney/Wall3									
		60.65	0	52.1	0.03	-3	0	0	0	0
FLQi059	Chimney/Wall4									
		60.65	0	52.1	0.03	-3	0	0	0	0
FLQi060	Chimney/Wall5									
		60.65	0	52.1	0.03	-3	0	0	0	0
FLQi061	Chimney/Wall6									
		60.65	0	52.1	0.03	-3	0	0	0	0
FLQi062	Chimney/Wall7									
		60.65	0	52.1	0.03	-3	0	0	0	0
FLQi063	Chimney/Wall8									
		60.65	0	52.11	0.03	-3	0	0	0	0
FLQi064	Chimney/Wall9									
		60.65	0	52.11	0.03	-3	0	0	0	0
FLQi065	Chimney/Wall10									
		60.65	0	52.12	0.03	-3	0	0	0	0
FLQi066	Chimney/Wall11									
		60.65	0	52.12	0.03	-3	0	0	0	0
FLQi067	Chimney/Wall12									
		60.65	0	52.12	0.03	-3	0	0	1.43	0
FLQi068	Chimney/Wall13									
		60.65	0	52.12	0.03	-3	0	0	1.4	0
FLQi069	Chimney/Wall14									
		60.65	0	52.12	0.03	-3	0	0	0.62	0
FLQi070	Chimney/Wall15									

		60.65	0		52.12	0.03	-3	0	0	0	0
FLQi071	Chimney/Wall16										
		60.65	0		52.11	0.03	-3	0	0	0	0

BS 5228	Laeq = Lwa,T - Kh - K* + Afac | K* = max(Ks-Kh, Ascr)									
Element	Label	LwA,T		Kh	Ks-Kh	Ascr	K*	Afac		
		/dB(A)	/m	/dB	/dB	/dB	/dB	/dB	/dB	
HAUL009	Wheeled Loader to/fr			49.51			6.91	0		

IPKT	IPKT: Name	IPKT: x /m	IPKT: y /m	Lr(IP) /dB(A)
IPkt020	46 Rochdale Road 6 UF1South	405295.4	422939.2	31.79

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
EZQi001	Chimney Opening	74.1	0	52.11	0.11	-3	0	0	0.99	0
EZQi005	Vent Opening	71.81	0	52.91	0.04	-3	0	0	9.53	0

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
FLQi044	SWIP Building/NW Wall									
		69.95	0	52.02	0.09	-3	0	0	1.45	0
FLQi045	SWIP Building/NE Wall									
		73.98	0	52.7	0.08	-3	0	0	4.29	0
FLQi046	SWIP Building/SE#1 Wall									
		53.74	0	53.33	0.03	-3	0	0	9.96	0
FLQi047	SWIP Building/SW#3 Wall									

		54.14	0	53.29	0.03	-3	0	0	8.12	0
FLQi048	SWIP Building/SE#2 Wall									
		38.3	0	53.26	0.03	-3	0	0	8.8	0
FLQi049	SWIP Building/SW#2 Wall									
		66.38	0	52.92	0.06	-3	0	0	8.15	0
FLQi050	SWIP Building/SE#3 Wall									
		50.53	0	52.53	0.03	-3	0	0	9.28	0
FLQi051	SWIP Building/SW#1 Wall									
		67.82	0	52.26	0.09	-3	0	0	2.78	0
FLQi052	SWIP Building/Roof									
		81.01	0	52.62	0.11	-3	0	0	3.75	0
FLQi056	Chimney/Wall1									
		60.65	0	52.13	0.03	-3	0	0	0	0
FLQi057	Chimney/Wall2									
		60.65	0	52.12	0.03	-3	0	0	0	0
FLQi058	Chimney/Wall3									
		60.65	0	52.12	0.03	-3	0	0	0	0
FLQi059	Chimney/Wall4									
		60.65	0	52.11	0.03	-3	0	0	0	0
FLQi060	Chimney/Wall5									
		60.65	0	52.11	0.03	-3	0	0	0	0
FLQi061	Chimney/Wall6									
		60.65	0	52.11	0.03	-3	0	0	0	0
FLQi062	Chimney/Wall7									
		60.65	0	52.12	0.03	-3	0	0	0	0
FLQi063	Chimney/Wall8									
		60.65	0	52.12	0.03	-3	0	0	0	0
FLQi064	Chimney/Wall9									
		60.65	0	52.13	0.03	-3	0	0	0	0

FLQi065	Chimney/Wall10									
		60.65	0		52.13	0.03	-3	0	0	0	0
FLQi066	Chimney/Wall11									
		60.65	0		52.14	0.03	-3	0	0	0	0
FLQi067	Chimney/Wall12									
		60.65	0		52.14	0.03	-3	0	0	1.42	0
FLQi068	Chimney/Wall13									
		60.65	0		52.14	0.03	-3	0	0	1.39	0
FLQi069	Chimney/Wall14									
		60.65	0		52.14	0.03	-3	0	0	0.61	0
FLQi070	Chimney/Wall15									
		60.65	0		52.14	0.03	-3	0	0	0	0
FLQi071	Chimney/Wall16									
		60.65	0		52.13	0.03	-3	0	0	0	0

BS 5228	Laeq = Lwa,T - Kh - K* + Afac | K* = max(Ks-Kh, Ascr)									
Element	Label	LwA,T		Kh	Ks-Kh	Ascr	K*	Afac		
		/dB(A)	/m	/dB	/dB	/dB	/dB	/dB	/dB	
HAUL009	Wheeled Loader to/fr			49.58			2.84	0		

IPKT	IPKT: Name	IPKT: x /m	IPKT: y /m	Lr(IP) /dB(A)						
IPkt025	80 Rochdale Road 1 GF S/E	405193.4	422884.3	28.13						

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
EZQi001	Chimney Opening	74.1	0	55.21	0.15	-3	0	0	1.02	0
EZQi005	Vent Opening	71.81	0	55.62	0.1	-3.87	0	0	3.55	0

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
FLQi044	SWIP Building/NW Wall									
		69.95	0	55.29	0.12	-3.42	0	0	0	0
FLQi045	SWIP Building/NE Wall									
		73.98	0	55.91	0.07	-3.43	0	0	9.32	0
FLQi046	SWIP Building/SE#1 Wall									
		53.74	0	56.07	0.04	-4.17	0	0	8.32	0
FLQi047	SWIP Building/SW#3 Wall									
		54.14	0	55.86	0.07	-3.75	0	0	1.02	0
FLQi048	SWIP Building/SE#2 Wall									
		38.3	0	55.84	0.08	-4.75	0	0	2.99	0
FLQi049	SWIP Building/SW#2 Wall									
		66.38	0	55.69	0.13	-3.8	0	0	1.63	0
FLQi050	SWIP Building/SE#3 Wall									
		50.53	0	55.31	0.04	-3.47	0	0	7.1	0
FLQi051	SWIP Building/SW#1 Wall									
		67.82	0	55.07	0.14	-3.14	0	0	0.85	0
FLQi052	SWIP Building/Roof									
		81.01	0	55.64	0.14	-3	0	0	4.39	0
FLQi056	Chimney/Wall1									
		60.65	0	55.23	0.04	-3	0	0	0	0
FLQi057	Chimney/Wall2									
		60.65	0	55.22	0.04	-3	0	0	0	0
FLQi058	Chimney/Wall3									
		60.65	0	55.22	0.04	-3	0	0	0	0
FLQi059	Chimney/Wall4									

		60.65	0		55.22	0.04	-3	0	0	0	0
FLQi060	Chimney/Wall5										
		60.65	0		55.21	0.04	-3	0	0	0	0
FLQi061	Chimney/Wall6										
		60.65	0		55.21	0.04	-3	0	0	0	0
FLQi062	Chimney/Wall7										
		60.65	0		55.21	0.04	-3	0	0	0	0
FLQi063	Chimney/Wall8										
		60.65	0		55.21	0.04	-3	0	0	0	0
FLQi064	Chimney/Wall9										
		60.65	0		55.21	0.04	-3	0	0	0	0
FLQi065	Chimney/Wall10										
		60.65	0		55.22	0.04	-3	0	0	0	0
FLQi066	Chimney/Wall11										
		60.65	0		55.22	0.04	-3	0	0	0	0
FLQi067	Chimney/Wall12										
		60.65	0		55.22	0.04	-3	0	0	0	0
FLQi068	Chimney/Wall13										
		60.65	0		55.23	0.04	-3	0	0	0	0
FLQi069	Chimney/Wall14										
		60.65	0		55.23	0.04	-3	0	0	1.43	0
FLQi070	Chimney/Wall15										
		60.65	0		55.23	0.04	-3	0	0	1.39	0
FLQi071	Chimney/Wall16										
		60.65	0		55.23	0.04	-3	0	0	0.61	0

BS 5228	Laeq = Lwa,T - Kh - K* + Afac | K* = max(Ks-Kh, Ascr)								
Element	Label	LwA,T		Kh	Ks-Kh	Ascr	K*	Afac	
		/dB(A)	/m	/dB	/dB	/dB	/dB	/dB	/dB

HAUL009	Wheeled Loader to/fr	50.87	5.52	0	

IPKT	IPKT: Name	IPKT: x /m	IPKT: y /m	Lr(IP) /dB(A)
IPkt026	80 Rochdale Road 1 UF1S/E	405193.4	422884.3	28.35

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
EZQi001	Chimney Opening	74.1	0	55.22	0.15	-3	0	0	1.01	0
EZQi005	Vent Opening	71.81	0	55.64	0.1	-3	0	0	3.5	0

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
FLQi044	SWIP Building/NW Wall									
		69.95	0	55.3	0.12	-3	0	0	0	0
FLQi045	SWIP Building/NE Wall									
		73.98	0	55.93	0.07	-3.01	0	0	9.18	0
FLQi046	SWIP Building/SE#1 Wall									
		53.74	0	56.1	0.04	-3.07	0	0	8.3	0
FLQi047	SWIP Building/SW#3 Wall									
		54.14	0	55.88	0.07	-3.03	0	0	0.86	0
FLQi048	SWIP Building/SE#2 Wall									
		38.3	0	55.86	0.08	-3.31	0	0	3.28	0
FLQi049	SWIP Building/SW#2 Wall									
		66.38	0	55.69	0.15	-3.02	0	0	2.61	0
FLQi050	SWIP Building/SE#3 Wall									
		50.53	0	55.33	0.04	-3	0	0	7.1	0

FLQi051	SWIP Building/SW#1 Wall									
		67.82	0	55.09	0.15	-3	0	0	0.87	0
FLQi052	SWIP Building/Roof									
		81.01	0	55.65	0.15	-3	0	0	4.16	0
FLQi056	Chimney/Wall1									
		60.65	0	55.24	0.04	-3	0	0	0	0
FLQi057	Chimney/Wall2									
		60.65	0	55.24	0.04	-3	0	0	0	0
FLQi058	Chimney/Wall3									
		60.65	0	55.23	0.04	-3	0	0	0	0
FLQi059	Chimney/Wall4									
		60.65	0	55.23	0.04	-3	0	0	0	0
FLQi060	Chimney/Wall5									
		60.65	0	55.22	0.04	-3	0	0	0	0
FLQi061	Chimney/Wall6									
		60.65	0	55.22	0.04	-3	0	0	0	0
FLQi062	Chimney/Wall7									
		60.65	0	55.22	0.04	-3	0	0	0	0
FLQi063	Chimney/Wall8									
		60.65	0	55.22	0.04	-3	0	0	0	0
FLQi064	Chimney/Wall9									
		60.65	0	55.23	0.04	-3	0	0	0	0
FLQi065	Chimney/Wall10									
		60.65	0	55.23	0.04	-3	0	0	0	0
FLQi066	Chimney/Wall11									
		60.65	0	55.23	0.04	-3	0	0	0	0
FLQi067	Chimney/Wall12									
		60.65	0	55.24	0.04	-3	0	0	0	0
FLQi068	Chimney/Wall13									

		60.65	0		55.24	0.04	-3	0	0	0	0
FLQi069	Chimney/Wall14										
		60.65	0		55.24	0.04	-3	0	0	1.42	0
FLQi070	Chimney/Wall15										
		60.65	0		55.24	0.04	-3	0	0	1.38	0
FLQi071	Chimney/Wall16										
		60.65	0		55.24	0.04	-3	0	0	0.61	0

BS 5228	Laeq = Lwa,T - Kh - K* + Afac | K* = max(Ks-Kh, Ascr)									
Element	Label	LwA,T		Kh	Ks-Kh	Ascr	K*	Afac		
		/dB(A)	/m	/dB	/dB	/dB	/dB	/dB	/dB	
HAUL009	Wheeled Loader to/fr			50.73			2.34	0		

IPKT	IPKT: Name	IPKT: x /m	IPKT: y /m	Lr(IP) /dB(A)
IPkt031	80 Rochdale Road 4 GF N/E	405196.3	422890.7	28.13

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
EZQi001	Chimney Opening	74.1	0	55.17	0.15	-3	0	0	1.02	0
EZQi005	Vent Opening	71.81	0	55.59	0.08	-3.87	0	0	3.79	0

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
FLQi044	SWIP Building/NW Wall									
		69.95	0	55.24	0.12	-3.41	0	0	0	0
FLQi045	SWIP Building/NE Wall									

		73.98	0	55.86	0.07	-3.43	0	0	9.16	0
FLQi046	SWIP Building/SE#1 Wall									
		53.74	0	56.05	0.04	-4.16	0	0	8.46	0
FLQi047	SWIP Building/SW#3 Wall									
		54.14	0	55.84	0.07	-3.74	0	0	1.02	0
FLQi048	SWIP Building/SE#2 Wall									
		38.3	0	55.82	0.08	-4.74	0	0	3	0
FLQi049	SWIP Building/SW#2 Wall									
		66.38	0	55.67	0.13	-3.69	0	0	2.34	0
FLQi050	SWIP Building/SE#3 Wall									
		50.53	0	55.28	0.04	-3.47	0	0	7.26	0
FLQi051	SWIP Building/SW#1 Wall									
		67.82	0	55.04	0.14	-3.14	0	0	0.84	0
FLQi052	SWIP Building/Roof									
		81.01	0	55.6	0.14	-3	0	0	4.39	0
FLQi056	Chimney/Wall1									
		60.65	0	55.18	0.04	-3	0	0	0	0
FLQi057	Chimney/Wall2									
		60.65	0	55.18	0.04	-3	0	0	0	0
FLQi058	Chimney/Wall3									
		60.65	0	55.17	0.04	-3	0	0	0	0
FLQi059	Chimney/Wall4									
		60.65	0	55.17	0.04	-3	0	0	0	0
FLQi060	Chimney/Wall5									
		60.65	0	55.17	0.04	-3	0	0	0	0
FLQi061	Chimney/Wall6									
		60.65	0	55.17	0.04	-3	0	0	0	0
FLQi062	Chimney/Wall7									
		60.65	0	55.16	0.04	-3	0	0	0	0

FLQi063	Chimney/Wall8									
		60.65	0		55.17	0.04	-3	0	0	0	0
FLQi064	Chimney/Wall9									
		60.65	0		55.17	0.04	-3	0	0	0	0
FLQi065	Chimney/Wall10									
		60.65	0		55.17	0.04	-3	0	0	0	0
FLQi066	Chimney/Wall11									
		60.65	0		55.18	0.04	-3	0	0	0	0
FLQi067	Chimney/Wall12									
		60.65	0		55.18	0.04	-3	0	0	0	0
FLQi068	Chimney/Wall13									
		60.65	0		55.18	0.04	-3	0	0	0	0
FLQi069	Chimney/Wall14									
		60.65	0		55.19	0.04	-3	0	0	1.42	0
FLQi070	Chimney/Wall15									
		60.65	0		55.19	0.04	-3	0	0	1.39	0
FLQi071	Chimney/Wall16									
		60.65	0		55.18	0.04	-3	0	0	0.62	0

BS 5228	Laeq = Lwa,T - Kh - K* + Afac | K* = max(Ks-Kh, Ascr)							
Element	Label	LwA,T		Kh	Ks-Kh	Ascr	K*	Afac
		/dB(A)	/m	/dB	/dB	/dB	/dB	/dB
HAUL009	Wheeled Loader to/fr			50.87			5.7	0

IPKT	IPKT: Name	IPKT: x /m	IPKT: y /m	Lr(IP) /dB(A)
IPkt032	80 Rochdale Road 4 UF1N/E	405196.3	422890.7	28.39

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet

Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
EZQi001	Chimney Opening	74.1	0	55.18	0.15	-3	0	0	1.01	0
EZQi005	Vent Opening	71.81	0	55.61	0.08	-3	0	0	3.73	0

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
FLQi044	SWIP Building/NW Wall									
		69.95	0	55.24	0.14	-3	0	0	0.92	0
FLQi045	SWIP Building/NE Wall									
		73.98	0	55.87	0.07	-3.01	0	0	9.03	0
FLQi046	SWIP Building/SE#1 Wall									
		53.74	0	56.07	0.04	-3.06	0	0	8.43	0
FLQi047	SWIP Building/SW#3 Wall									
		54.14	0	55.86	0.08	-3.03	0	0	1.07	0
FLQi048	SWIP Building/SE#2 Wall									
		38.3	0	55.84	0.08	-3.31	0	0	3.29	0
FLQi049	SWIP Building/SW#2 Wall									
		66.38	0	55.67	0.14	-3.01	0	0	2.79	0
FLQi050	SWIP Building/SE#3 Wall									
		50.53	0	55.3	0.04	-3	0	0	7.25	0
FLQi051	SWIP Building/SW#1 Wall									
		67.82	0	55.05	0.14	-3	0	0	0.74	0
FLQi052	SWIP Building/Roof									
		81.01	0	55.61	0.15	-3	0	0	4.15	0
FLQi056	Chimney/Wall1									
		60.65	0	55.19	0.04	-3	0	0	0	0
FLQi057	Chimney/Wall2									

		60.65	0	55.19	0.04	-3	0	0	0	0
FLQi058	Chimney/Wall3									
		60.65	0	55.19	0.04	-3	0	0	0	0
FLQi059	Chimney/Wall4									
		60.65	0	55.18	0.04	-3	0	0	0	0
FLQi060	Chimney/Wall5									
		60.65	0	55.18	0.04	-3	0	0	0	0
FLQi061	Chimney/Wall6									
		60.65	0	55.18	0.04	-3	0	0	0	0
FLQi062	Chimney/Wall7									
		60.65	0	55.18	0.04	-3	0	0	0	0
FLQi063	Chimney/Wall8									
		60.65	0	55.18	0.04	-3	0	0	0	0
FLQi064	Chimney/Wall9									
		60.65	0	55.18	0.04	-3	0	0	0	0
FLQi065	Chimney/Wall10									
		60.65	0	55.18	0.04	-3	0	0	0	0
FLQi066	Chimney/Wall11									
		60.65	0	55.19	0.04	-3	0	0	0	0
FLQi067	Chimney/Wall12									
		60.65	0	55.19	0.04	-3	0	0	0	0
FLQi068	Chimney/Wall13									
		60.65	0	55.2	0.04	-3	0	0	0	0
FLQi069	Chimney/Wall14									
		60.65	0	55.2	0.04	-3	0	0	1.41	0
FLQi070	Chimney/Wall15									
		60.65	0	55.2	0.04	-3	0	0	1.38	0
FLQi071	Chimney/Wall16									
		60.65	0	55.2	0.04	-3	0	0	0.61	0

BS 5228	Laeq = Lwa,T - Kh - K* + Afac | K* = max(Ks-Kh, Ascr)									
Element	Label	LwA,T		Kh	Ks-Kh	Ascr	K*	Afac		
		/dB(A)	/m	/dB	/dB	/dB	/dB	/dB	/dB	
HAUL009	Wheeled Loader to/fr			50.66			1.56	0		

IPKT	IPKT: Name	IPKT: x /m	IPKT: y /m	Lr(IP) /dB(A)						
IPkt033	Long Lane Property 1 GF West	405234.9	422640.5	20.59						

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
EZQi001	Chimney Opening	74.1	0	58.23	0.15	-3	0	0	4.95	0
EZQi005	Vent Opening	71.81	0	58.07	0.07	-4.4	0	0	14.46	0

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
FLQi044	SWIP Building/NW Wall									
		69.95	0	58.39	0.09	-3.91	0	0	13.29	0
FLQi045	SWIP Building/NE Wall									
		73.98	0	58.56	0.1	-3.96	0	0	18.89	0
FLQi046	SWIP Building/SE#1 Wall									
		53.74	0	58.18	0.07	-4.56	0	0	5.14	0
FLQi047	SWIP Building/SW#3 Wall									
		54.14	0	57.98	0.07	-4.19	0	0	6.16	0
FLQi048	SWIP Building/SE#2 Wall									
		38.3	0	57.99	0.07	-4.67	0	0	5.02	0

FLQi049	SWIP Building/SW#2 Wall									
		66.69	0	58.07	0.13	-3.78	0	0	6.3	0
FLQi050	SWIP Building/SE#3 Wall									
		53.04	0	58.1	0.07	-3.67	0	0	8.46	0
FLQi051	SWIP Building/SW#1 Wall									
		67.82	0	58.04	0.14	-3.47	0	0	5.78	0
FLQi052	SWIP Building/Roof									
		81.01	0	58.29	0.13	-3	0	0	5.2	0
FLQi056	Chimney/Wall1									
		60.65	0	58.24	0.05	-3	0	0	5.26	0
FLQi057	Chimney/Wall2									
		60.65	0	58.24	0.05	-3	0	0	5.83	0
FLQi058	Chimney/Wall3									
		60.65	0	58.24	0.05	-3	0	0	5.43	0
FLQi059	Chimney/Wall4									
		60.65	0	58.24	0.05	-3	0	0	4.36	0
FLQi060	Chimney/Wall5									
		60.65	0	58.24	0.05	-3	0	0	4.36	0
FLQi061	Chimney/Wall6									
		60.65	0	58.24	0.05	-3	0	0	4.36	0
FLQi062	Chimney/Wall7									
		60.65	0	58.23	0.05	-3	0	0	4.36	0
FLQi063	Chimney/Wall8									
		60.65	0	58.23	0.05	-3	0	0	4.36	0
FLQi064	Chimney/Wall9									
		60.65	0	58.23	0.05	-3	0	0	4.36	0
FLQi065	Chimney/Wall10									
		60.65	0	58.23	0.05	-3	0	0	4.36	0
FLQi066	Chimney/Wall11									

		60.65	0		58.23	0.05	-3	0	0	4.36	0
FLQi067	Chimney/Wall12										
		60.65	0		58.23	0.05	-3	0	0	4.37	0
FLQi068	Chimney/Wall13										
		60.65	0		58.23	0.05	-3	0	0	4.37	0
FLQi069	Chimney/Wall14										
		60.65	0		58.24	0.05	-3	0	0	4.37	0
FLQi070	Chimney/Wall15										
		60.65	0		58.24	0.05	-3	0	0	4.37	0
FLQi071	Chimney/Wall16										
		60.65	0		58.24	0.05	-3	0	0	4.37	0

BS 5228	Laeq = Lwa,T - Kh - K* + Afac | K* = max(Ks-Kh, Ascr)							
Element	Label	LwA,T		Kh	Ks-Kh	Ascr	K*	Afac
		/dB(A)	/m	/dB	/dB	/dB	/dB	/dB
HAUL009	Wheeled Loader to/fr			54.31			9.38	0

IPKT	IPKT: Name	IPKT: x /m	IPKT: y /m	Lr(IP) /dB(A)
IPkt034	Long Lane Property 1 UF1West	405234.9	422640.5	20.82

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
EZQi001	Chimney Opening	74.1	0	58.24	0.15	-3	0	0	4.48	0
EZQi005	Vent Opening	71.81	0	58.08	0.07	-3.19	0	0	12.64	0

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet

		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
FLQi044	SWIP Building/NW Wall									
		69.95	0	58.39	0.09	-3.12	0	0	12.87	0
FLQi045	SWIP Building/NE Wall									
		73.98	0	58.56	0.09	-3.13	0	0	17.72	0
FLQi046	SWIP Building/SE#1 Wall									
		53.74	0	58.19	0.07	-3.4	0	0	4.64	0
FLQi047	SWIP Building/SW#3 Wall									
		54.14	0	57.99	0.07	-3.17	0	0	5.57	0
FLQi048	SWIP Building/SE#2 Wall									
		38.3	0	58	0.07	-3.5	0	0	4.51	0
FLQi049	SWIP Building/SW#2 Wall									
		66.69	0	58.08	0.12	-3.09	0	0	5.72	0
FLQi050	SWIP Building/SE#3 Wall									
		53.04	0	58.11	0.07	-3.05	0	0	7.25	0
FLQi051	SWIP Building/SW#1 Wall									
		67.82	0	58.05	0.14	-3.07	0	0	4.99	0
FLQi052	SWIP Building/Roof									
		81.01	0	58.3	0.13	-3	0	0	4.74	0
FLQi056	Chimney/Wall1									
		60.65	0	58.25	0.05	-3	0	0	4.84	0
FLQi057	Chimney/Wall2									
		60.65	0	58.25	0.05	-3	0	0	5.69	0
FLQi058	Chimney/Wall3									
		60.65	0	58.25	0.05	-3	0	0	5.31	0
FLQi059	Chimney/Wall4									
		60.65	0	58.25	0.05	-3	0	0	3.75	0
FLQi060	Chimney/Wall5									
		60.65	0	58.25	0.05	-3	0	0	3.75	0

FLQi061	Chimney/Wall6									
		60.65	0		58.25	0.05	-3	0	0	3.75	0
FLQi062	Chimney/Wall7									
		60.65	0		58.24	0.05	-3	0	0	3.75	0
FLQi063	Chimney/Wall8									
		60.65	0		58.24	0.05	-3	0	0	3.75	0
FLQi064	Chimney/Wall9									
		60.65	0		58.24	0.05	-3	0	0	3.76	0
FLQi065	Chimney/Wall10									
		60.65	0		58.24	0.05	-3	0	0	3.76	0
FLQi066	Chimney/Wall11									
		60.65	0		58.24	0.05	-3	0	0	3.76	0
FLQi067	Chimney/Wall12									
		60.65	0		58.24	0.05	-3	0	0	3.76	0
FLQi068	Chimney/Wall13									
		60.65	0		58.24	0.05	-3	0	0	3.76	0
FLQi069	Chimney/Wall14									
		60.65	0		58.24	0.05	-3	0	0	3.76	0
FLQi070	Chimney/Wall15									
		60.65	0		58.25	0.05	-3	0	0	3.76	0
FLQi071	Chimney/Wall16									
		60.65	0		58.25	0.05	-3	0	0	3.76	0

BS 5228	Laeq = Lwa,T - Kh - K* + Afac | K* = max(Ks-Kh, Ascr)							
Element	Label	LwA,T		Kh	Ks-Kh	Ascr	K*	Afac
		/dB(A)	/m	/dB	/dB	/dB	/dB	/dB
HAUL009	Wheeled Loader to/fr			54.31			7.84	0

IPKT	IPKT: Name	IPKT: x /m	IPKT: y /m	Lr(IP) /dB(A)
IPkt035	Long Lane Property 2 GF N/E	405242.8	422645.4	24.54

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
EZQi001	Chimney Opening	74.1	0	57.92	0.21	-3	0	0	1.05	0
EZQi005	Vent Opening	71.81	0	57.74	0.12	-4.33	0	0	1.92	0

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
FLQi044	SWIP Building/NW Wall									
		69.95	0	58.08	0.09	-3.84	0	0	8.69	0
FLQi045	SWIP Building/NE Wall									
		73.98	0	58.22	0.09	-3.8	0	0	10.14	0
FLQi046	SWIP Building/SE#1 Wall									
		53.74	0	57.86	0.09	-4.5	0	0	4.76	0
FLQi047	SWIP Building/SW#3 Wall									
		54.14	0	57.65	0.09	-4.21	0	0	5.47	0
FLQi048	SWIP Building/SE#2 Wall									
		38.3	0	57.66	0.09	-4.62	0	0	4.76	0
FLQi049	SWIP Building/SW#2 Wall									
		66.69	0	57.75	0.19	-3.95	0	0	4.7	0
FLQi050	SWIP Building/SE#3 Wall									
		53.04	0	57.82	0.11	-3.83	0	0	4.72	0
FLQi051	SWIP Building/SW#1 Wall									
		67.82	0	57.72	0.19	-3.74	0	0	3.98	0
FLQi052	SWIP Building/Roof									

		81.01	0	57.98	0.18	-3	0	0	4.48	0
FLQi056	Chimney/Wall1									
		60.65	0	57.93	0.05	-3	0	0	2.8	0
FLQi057	Chimney/Wall2									
		60.65	0	57.93	0.05	-3	0	0	1.37	0
FLQi058	Chimney/Wall3									
		60.65	0	57.93	0.05	-3	0	0	1.41	0
FLQi059	Chimney/Wall4									
		60.65	0	57.93	0.06	-3	0	0	4.51	0
FLQi060	Chimney/Wall5									
		60.65	0	57.93	0.06	-3	0	0	4.51	0
FLQi061	Chimney/Wall6									
		60.65	0	57.92	0.06	-3	0	0	4.51	0
FLQi062	Chimney/Wall7									
		60.65	0	57.92	0.06	-3	0	0	4.51	0
FLQi063	Chimney/Wall8									
		60.65	0	57.92	0.06	-3	0	0	4.51	0
FLQi064	Chimney/Wall9									
		60.65	0	57.92	0.06	-3	0	0	4.52	0
FLQi065	Chimney/Wall10									
		60.65	0	57.92	0.06	-3	0	0	4.52	0
FLQi066	Chimney/Wall11									
		60.65	0	57.92	0.06	-3	0	0	4.52	0
FLQi067	Chimney/Wall12									
		60.65	0	57.92	0.06	-3	0	0	4.52	0
FLQi068	Chimney/Wall13									
		60.65	0	57.92	0.06	-3	0	0	4.52	0
FLQi069	Chimney/Wall14									
		60.65	0	57.92	0.06	-3	0	0	4.52	0

FLQi070	Chimney/Wall15									
		60.65	0		57.93	0.06	-3	0	0	4.52	0
FLQi071	Chimney/Wall16									
		60.65	0		57.93	0.06	-3	0	0	4.52	0

BS 5228	Laeq = Lwa,T - Kh - K* + Afac | K* = max(Ks-Kh, Ascr)							
Element	Label	LwA,T		Kh	Ks-Kh	Ascr	K*	Afac
		/dB(A)	/m	/dB	/dB	/dB	/dB	/dB
HAUL009	Wheeled Loader to/fr			54.04			7.85	0

IPKT	IPKT: Name	IPKT: x /m	IPKT: y /m	Lr(IP) /dB(A)	
IPkt036	Long Lane Property 2 UF1N/E	405242.8	422645.4	25.46	

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
EZQi001	Chimney Opening	74.1	0	57.92	0.21	-3	0	0	1.04	0
EZQi005	Vent Opening	71.81	0	57.76	0.13	-3.08	0	0	1.74	0

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
FLQi044	SWIP Building/NW Wall									
		69.95	0	58.09	0.09	-3.09	0	0	8.57	0
FLQi045	SWIP Building/NE Wall									
		73.98	0	58.23	0.09	-3.11	0	0	10.03	0
FLQi046	SWIP Building/SE#1 Wall									
		53.74	0	57.88	0.12	-3.33	0	0	3.95	0

FLQi047	SWIP Building/SW#3 Wall									
		54.14	0	57.66	0.1	-3.16	0	0	1.53	0
FLQi048	SWIP Building/SE#2 Wall									
		38.3	0	57.67	0.1	-3.25	0	0	1.82	0
FLQi049	SWIP Building/SW#2 Wall									
		66.69	0	57.75	0.21	-3.1	0	0	1.71	0
FLQi050	SWIP Building/SE#3 Wall									
		53.04	0	57.84	0.13	-3.04	0	0	3.18	0
FLQi051	SWIP Building/SW#1 Wall									
		67.82	0	57.73	0.2	-3.06	0	0	1.75	0
FLQi052	SWIP Building/Roof									
		81.01	0	58	0.19	-3	0	0	4.17	0
FLQi056	Chimney/Wall1									
		60.65	0	57.94	0.05	-3	0	0	0.94	0
FLQi057	Chimney/Wall2									
		60.65	0	57.94	0.05	-3	0	0	1.37	0
FLQi058	Chimney/Wall3									
		60.65	0	57.94	0.05	-3	0	0	1.41	0
FLQi059	Chimney/Wall4									
		60.65	0	57.94	0.06	-3	0	0	0.88	0
FLQi060	Chimney/Wall5									
		60.65	0	57.94	0.06	-3	0	0	0.87	0
FLQi061	Chimney/Wall6									
		60.65	0	57.93	0.06	-3	0	0	0.86	0
FLQi062	Chimney/Wall7									
		60.65	0	57.93	0.06	-3	0	0	0.86	0
FLQi063	Chimney/Wall8									
		60.65	0	57.93	0.06	-3	0	0	0.86	0
FLQi064	Chimney/Wall9									

		60.65	0		57.93	0.06	-3	0	0	0.86	0
FLQi065	Chimney/Wall10										
		60.65	0		57.93	0.06	-3	0	0	0.86	0
FLQi066	Chimney/Wall11										
		60.65	0		57.93	0.06	-3	0	0	0.87	0
FLQi067	Chimney/Wall12										
		60.65	0		57.93	0.06	-3	0	0	0.88	0
FLQi068	Chimney/Wall13										
		60.65	0		57.93	0.06	-3	0	0	0.88	0
FLQi069	Chimney/Wall14										
		60.65	0		57.93	0.06	-3	0	0	0.89	0
FLQi070	Chimney/Wall15										
		60.65	0		57.94	0.06	-3	0	0	0.89	0
FLQi071	Chimney/Wall16										
		60.65	0		57.94	0.06	-3	0	0	0.89	0

BS 5228	Laeq = Lwa,T - Kh - K* + Afac | K* = max(Ks-Kh, Ascr)									
Element	Label	LwA,T		Kh	Ks-Kh	Ascr	K*	Afac		
		/dB(A)	/m	/dB	/dB	/dB	/dB	/dB	/dB	
HAUL009	Wheeled Loader to/fr			54.13			5.13	0		

IPKT	IPKT: Name	IPKT: x /m	IPKT: y /m	Lr(IP) /dB(A)						
IPkt037	Long Lane Property 3 GF East	405247.4	422640.4	23.87						

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
EZQi001	Chimney Opening	74.1	0	58.01	0.21	-3	0	0	1.05	0

EZQi005	Vent Opening	71.81	0	57.83	0.09	-4.35	0	0	5.91	0

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
FLQi044	SWIP Building/NW Wall									
		69.95	0	58.16	0.09	-3.82	0	0	17.63	0
FLQi045	SWIP Building/NE Wall									
		73.98	0	58.31	0.09	-3.6	0	0	17.15	0
FLQi046	SWIP Building/SE#1 Wall									
		53.74	0	57.93	0.09	-4.51	0	0	4.81	0
FLQi047	SWIP Building/SW#3 Wall									
		54.14	0	57.72	0.09	-4.2	0	0	5.67	0
FLQi048	SWIP Building/SE#2 Wall									
		38.3	0	57.73	0.09	-4.63	0	0	4.82	0
FLQi049	SWIP Building/SW#2 Wall									
		66.69	0	57.82	0.17	-3.88	0	0	5.19	0
FLQi050	SWIP Building/SE#3 Wall									
		53.04	0	57.9	0.1	-3.82	0	0	5.09	0
FLQi051	SWIP Building/SW#1 Wall									
		67.82	0	57.81	0.17	-3.6	0	0	5.04	0
FLQi052	SWIP Building/Roof									
		81.01	0	58.06	0.16	-3	0	0	4.77	0
FLQi056	Chimney/Wall1									
		60.65	0	58.02	0.05	-3	0	0	2.9	0
FLQi057	Chimney/Wall2									
		60.65	0	58.02	0.05	-3	0	0	1.38	0
FLQi058	Chimney/Wall3									
		60.65	0	58.02	0.05	-3	0	0	1.4	0

FLQi059	Chimney/Wall4									
		60.65	0	58.02	0.05	-3	0	0	1.76	0
FLQi060	Chimney/Wall5									
		60.65	0	58.02	0.05	-3	0	0	1.76	0
FLQi061	Chimney/Wall6									
		60.65	0	58.02	0.05	-3	0	0	1.76	0
FLQi062	Chimney/Wall7									
		60.65	0	58.01	0.05	-3	0	0	1.76	0
FLQi063	Chimney/Wall8									
		60.65	0	58.01	0.05	-3	0	0	1.76	0
FLQi064	Chimney/Wall9									
		60.65	0	58.01	0.05	-3	0	0	1.76	0
FLQi065	Chimney/Wall10									
		60.65	0	58.01	0.05	-3	0	0	1.76	0
FLQi066	Chimney/Wall11									
		60.65	0	58.01	0.05	-3	0	0	1.76	0
FLQi067	Chimney/Wall12									
		60.65	0	58.01	0.05	-3	0	0	1.76	0
FLQi068	Chimney/Wall13									
		60.65	0	58.01	0.05	-3	0	0	1.76	0
FLQi069	Chimney/Wall14									
		60.65	0	58.01	0.05	-3	0	0	1.76	0
FLQi070	Chimney/Wall15									
		60.65	0	58.02	0.05	-3	0	0	1.76	0
FLQi071	Chimney/Wall16									
		60.65	0	58.02	0.05	-3	0	0	1.76	0

BS 5228	Laeq = Lwa,T - Kh - K* + Afac | K* = max(Ks-Kh, Ascr)									
Element	Label	LwA,T		Kh	Ks-Kh	Ascr	K*	Afac		

		/dB(A)	/m	/dB	/dB	/dB	/dB	/dB	/dB	
HAUL009	Wheeled Loader to/fr			54.13			7.41	0		

IPKT	IPKT: Name	IPKT: x /m	IPKT: y /m	Lr(IP) /dB(A)
IPkt038	Long Lane Property 3 UF1East	405247.4	422640.4	25.3

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
EZQi001	Chimney Opening	74.1	0	58.01	0.21	-3	0	0	1.04	0
EZQi005	Vent Opening	71.81	0	57.84	0.14	-3.11	0	0	1.65	0

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
FLQi044	SWIP Building/NW Wall									
		69.95	0	58.18	0.09	-3.1	0	0	8.76	0
FLQi045	SWIP Building/NE Wall									
		73.98	0	58.3	0.09	-3.11	0	0	9.97	0
FLQi046	SWIP Building/SE#1 Wall									
		53.74	0	57.95	0.1	-3.34	0	0	4.5	0
FLQi047	SWIP Building/SW#3 Wall									
		54.14	0	57.74	0.1	-3.21	0	0	4.9	0
FLQi048	SWIP Building/SE#2 Wall									
		38.3	0	57.75	0.11	-3.47	0	0	4.25	0
FLQi049	SWIP Building/SW#2 Wall									
		66.69	0	57.84	0.24	-3.15	0	0	4	0
FLQi050	SWIP Building/SE#3 Wall									

		53.04	0	57.92	0.12	-3.06	0	0	4.35	0
FLQi051	SWIP Building/SW#1 Wall									
		67.82	0	57.82	0.23	-3.08	0	0	2.92	0
FLQi052	SWIP Building/Roof									
		81.01	0	58.08	0.19	-3	0	0	4.13	0
FLQi056	Chimney/Wall1									
		60.65	0	58.03	0.06	-3	0	0	2.38	0
FLQi057	Chimney/Wall2									
		60.65	0	58.03	0.05	-3	0	0	1.37	0
FLQi058	Chimney/Wall3									
		60.65	0	58.03	0.05	-3	0	0	1.4	0
FLQi059	Chimney/Wall4									
		60.65	0	58.03	0.07	-3	0	0	2.29	0
FLQi060	Chimney/Wall5									
		60.65	0	58.03	0.07	-3	0	0	2.28	0
FLQi061	Chimney/Wall6									
		60.65	0	58.02	0.07	-3	0	0	2.27	0
FLQi062	Chimney/Wall7									
		60.65	0	58.02	0.07	-3	0	0	2.26	0
FLQi063	Chimney/Wall8									
		60.65	0	58.02	0.07	-3	0	0	2.26	0
FLQi064	Chimney/Wall9									
		60.65	0	58.02	0.07	-3	0	0	2.26	0
FLQi065	Chimney/Wall10									
		60.65	0	58.02	0.07	-3	0	0	2.26	0
FLQi066	Chimney/Wall11									
		60.65	0	58.02	0.07	-3	0	0	2.27	0
FLQi067	Chimney/Wall12									
		60.65	0	58.02	0.07	-3	0	0	2.28	0

FLQi068	Chimney/Wall13									
		60.65	0		58.02	0.07	-3	0	0	2.29	0
FLQi069	Chimney/Wall14									
		60.65	0		58.02	0.07	-3	0	0	2.29	0
FLQi070	Chimney/Wall15									
		60.65	0		58.03	0.07	-3	0	0	2.3	0
FLQi071	Chimney/Wall16									
		60.65	0		58.03	0.07	-3	0	0	2.3	0

BS 5228	Laeq = Lwa,T - Kh - K* + Afac | K* = max(Ks-Kh, Ascr)									
Element	Label	LwA,T		Kh	Ks-Kh	Ascr	K*	Afac		
		/dB(A)	/m	/dB	/dB	/dB	/dB	/dB	/dB	
HAUL009	Wheeled Loader to/fr			54.22			4.23	0		

IPKT	IPKT: Name	IPKT: x /m	IPKT: y /m	Lr(IP) /dB(A)						
IPkt079	90 Rochdale Road 4 GF S/E	405147.7	422858.1	25.58						

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
EZQi001	Chimney Opening	74.1	0	57.14	0.19	-3	0	0	1.03	0
EZQi005	Vent Opening	71.81	0	57.41	0.22	-4.27	0	0	4.77	0

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
FLQi044	SWIP Building/NW Wall									
		69.95	0	57.24	0.15	-3.74	0	0	4.77	0

FLQi045	SWIP Building/NE Wall									
		73.98	0	57.73	0.09	-3.6	0	0	10.34	0
FLQi046	SWIP Building/SE#1 Wall									
		53.74	0	57.81	0.05	-4.22	0	0	10.06	0
FLQi047	SWIP Building/SW#3 Wall									
		54.14	0	57.57	0.09	-4.18	0	0	5.61	0
FLQi048	SWIP Building/SE#2 Wall									
		38.3	0	57.56	0.09	-4.61	0	0	4.77	0
FLQi049	SWIP Building/SW#2 Wall									
		66.38	0	57.45	0.16	-3.88	0	0	5.65	0
FLQi050	SWIP Building/SE#3 Wall									
		50.53	0	57.19	0.05	-3.39	0	0	9.21	0
FLQi051	SWIP Building/SW#1 Wall									
		67.82	0	56.99	0.16	-3.54	0	0	4.77	0
FLQi052	SWIP Building/Roof									
		81.01	0	57.47	0.17	-3	0	0	4.43	0
FLQi056	Chimney/Wall1									
		60.65	0	57.15	0.07	-3	0	0	2.89	0
FLQi057	Chimney/Wall2									
		60.65	0	57.15	0.07	-3	0	0	2.89	0
FLQi058	Chimney/Wall3									
		60.65	0	57.14	0.07	-3	0	0	2.89	0
FLQi059	Chimney/Wall4									
		60.65	0	57.14	0.07	-3	0	0	2.89	0
FLQi060	Chimney/Wall5									
		60.65	0	57.14	0.07	-3	0	0	2.89	0
FLQi061	Chimney/Wall6									
		60.65	0	57.14	0.07	-3	0	0	2.89	0
FLQi062	Chimney/Wall7									

		60.65	0		57.14	0.07	-3	0	0	2.89	0
FLQi063	Chimney/Wall8										
		60.65	0		57.14	0.07	-3	0	0	2.89	0
FLQi064	Chimney/Wall9										
		60.65	0		57.14	0.07	-3	0	0	2.89	0
FLQi065	Chimney/Wall10										
		60.65	0		57.14	0.07	-3	0	0	2.89	0
FLQi066	Chimney/Wall11										
		60.65	0		57.14	0.07	-3	0	0	2.89	0
FLQi067	Chimney/Wall12										
		60.65	0		57.15	0.07	-3	0	0	2.89	0
FLQi068	Chimney/Wall13										
		60.65	0		57.15	0.07	-3	0	0	2.89	0
FLQi069	Chimney/Wall14										
		60.65	0		57.15	0.05	-3	0	0	2.18	0
FLQi070	Chimney/Wall15										
		60.65	0		57.15	0.05	-3	0	0	1.38	0
FLQi071	Chimney/Wall16										
		60.65	0		57.15	0.05	-3	0	0	1.42	0

BS 5228	Laeq = Lwa,T - Kh - K* + Afac | K* = max(Ks-Kh, Ascr)							
Element	Label	LwA,T		Kh	Ks-Kh	Ascr	K*	Afac
		/dB(A)	/m	/dB	/dB	/dB	/dB	/dB
HAUL009	Wheeled Loader to/fr			52.92			10	0

IPKT	IPKT: Name	IPKT: x /m	IPKT: y /m	Lr(IP) /dB(A)
IPkt080	90 Rochdale Road 4 UF1S/E	405147.7	422858.1	25.99

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
EZQi001	Chimney Opening	74.1	0	57.14	0.19	-3	0	0	1.02	0
EZQi005	Vent Opening	71.81	0	57.42	0.34	-3	0	0	4.72	0

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
FLQi044	SWIP Building/NW Wall									
		69.95	0	57.23	0.18	-3	0	0	4.17	0
FLQi045	SWIP Building/NE Wall									
		73.98	0	57.74	0.09	-3.09	0	0	9.73	0
FLQi046	SWIP Building/SE#1 Wall									
		53.74	0	57.79	0.05	-3.35	0	0	7.54	0
FLQi047	SWIP Building/SW#3 Wall									
		54.14	0	57.59	0.1	-3.2	0	0	5.03	0
FLQi048	SWIP Building/SE#2 Wall									
		38.3	0	57.57	0.11	-3.6	0	0	2.29	0
FLQi049	SWIP Building/SW#2 Wall									
		66.38	0	57.45	0.19	-3.23	0	0	3.67	0
FLQi050	SWIP Building/SE#3 Wall									
		50.53	0	57.19	0.06	-3	0	0	6.3	0
FLQi051	SWIP Building/SW#1 Wall									
		67.82	0	57	0.21	-3.04	0	0	4.21	0
FLQi052	SWIP Building/Roof									
		81.01	0	57.48	0.18	-3	0	0	4.26	0
FLQi056	Chimney/Wall1									
		60.65	0	57.16	0.05	-3	0	0	0.19	0

FLQi057	Chimney/Wall2									
		60.65	0	57.16	0.05	-3	0	0	0.14	0
FLQi058	Chimney/Wall3									
		60.65	0	57.15	0.05	-3	0	0	0.09	0
FLQi059	Chimney/Wall4									
		60.65	0	57.15	0.05	-3	0	0	0.06	0
FLQi060	Chimney/Wall5									
		60.65	0	57.15	0.05	-3	0	0	0.05	0
FLQi061	Chimney/Wall6									
		60.65	0	57.15	0.05	-3	0	0	0.07	0
FLQi062	Chimney/Wall7									
		60.65	0	57.14	0.05	-3	0	0	0.11	0
FLQi063	Chimney/Wall8									
		60.65	0	57.14	0.05	-3	0	0	0.17	0
FLQi064	Chimney/Wall9									
		60.65	0	57.15	0.05	-3	0	0	0.22	0
FLQi065	Chimney/Wall10									
		60.65	0	57.15	0.05	-3	0	0	0.27	0
FLQi066	Chimney/Wall11									
		60.65	0	57.15	0.05	-3	0	0	0.3	0
FLQi067	Chimney/Wall12									
		60.65	0	57.15	0.05	-3	0	0	0.32	0
FLQi068	Chimney/Wall13									
		60.65	0	57.16	0.05	-3	0	0	0.32	0
FLQi069	Chimney/Wall14									
		60.65	0	57.16	0.05	-3	0	0	0.72	0
FLQi070	Chimney/Wall15									
		60.65	0	57.16	0.05	-3	0	0	1.38	0
FLQi071	Chimney/Wall16									

		60.65	0		57.16	0.05	-3	0	0	1.41	0

BS 5228	Laeq = Lwa,T - Kh - K* + Afac | K* = max(Ks-Kh, Ascr)									
Element	Label	LwA,T		Kh	Ks-Kh	Ascr	K*	Afac		
		/dB(A)	/m	/dB	/dB	/dB	/dB	/dB	/dB	
HAUL009	Wheeled Loader to/fr			53.21			8.98	0		

IPKT	IPKT: Name	IPKT: x /m	IPKT: y /m	Lr(IP) /dB(A)
IPkt085	90 Rochdale Road 7 GF S/W	405143.6	422859.6	18.74

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
EZQi001	Chimney Opening	74.1	0	57.32	0.11	-3	0	0	6.73	0
EZQi005	Vent Opening	71.81	0	57.58	0.07	-4.3	0	0	15.38	0

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
FLQi044	SWIP Building/NW Wall									
		69.95	0	57.31	0.09	-3.35	0	0	9.53	0
FLQi045	SWIP Building/NE Wall									
		73.98	0	57.93	0.09	-3.72	0	0	19.36	0
FLQi046	SWIP Building/SE#1 Wall									
		53.74	0	57.99	0.05	-4.2	0	0	16.43	0
FLQi047	SWIP Building/SW#3 Wall									
		54.14	0	57.74	0.06	-3.84	0	0	9.79	0
FLQi048	SWIP Building/SE#2 Wall									

		38.3	0	57.73	0.05	-4.63	0	0	15.08	0
FLQi049	SWIP Building/SW#2 Wall									
		66.38	0	57.59	0.1	-3.21	0	0	11.13	0
FLQi050	SWIP Building/SE#3 Wall									
		50.53	0	57.35	0.05	-3.75	0	0	21.21	0
FLQi051	SWIP Building/SW#1 Wall									
		67.82	0	57.16	0.1	-3.12	0	0	10.03	0
FLQi052	SWIP Building/Roof									
		81.01	0	57.64	0.1	-3	0	0	6.48	0
FLQi056	Chimney/Wall1									
		60.65	0	57.33	0.04	-3	0	0	5.4	0
FLQi057	Chimney/Wall2									
		60.65	0	57.33	0.04	-3	0	0	5.4	0
FLQi058	Chimney/Wall3									
		60.65	0	57.32	0.04	-3	0	0	5.4	0
FLQi059	Chimney/Wall4									
		60.65	0	57.32	0.04	-3	0	0	5.4	0
FLQi060	Chimney/Wall5									
		60.65	0	57.32	0.04	-3	0	0	5.4	0
FLQi061	Chimney/Wall6									
		60.65	0	57.31	0.04	-3	0	0	5.4	0
FLQi062	Chimney/Wall7									
		60.65	0	57.31	0.04	-3	0	0	5.4	0
FLQi063	Chimney/Wall8									
		60.65	0	57.31	0.04	-3	0	0	5.4	0
FLQi064	Chimney/Wall9									
		60.65	0	57.32	0.04	-3	0	0	5.4	0
FLQi065	Chimney/Wall10									
		60.65	0	57.32	0.04	-3	0	0	5.39	0

FLQi066	Chimney/Wall11									
		60.65	0		57.32	0.04	-3	0	0	5.39	0
FLQi067	Chimney/Wall12									
		60.65	0		57.32	0.04	-3	0	0	5.39	0
FLQi068	Chimney/Wall13									
		60.65	0		57.33	0.04	-3	0	0	5.39	0
FLQi069	Chimney/Wall14									
		60.65	0		57.33	0.04	-3	0	0	6.39	0
FLQi070	Chimney/Wall15									
		60.65	0		57.33	0.04	-3	0	0	7.79	0
FLQi071	Chimney/Wall16									
		60.65	0		57.33	0.04	-3	0	0	8.11	0

BS 5228	Laeq = Lwa,T - Kh - K* + Afac | K* = max(Ks-Kh, Ascr)								
Element	Label	LwA,T		Kh	Ks-Kh	Ascr	K*	Afac	
		/dB(A)	/m	/dB	/dB	/dB	/dB	/dB	/dB
HAUL009	Wheeled Loader to/fr			53.13			10	0	

IPKT	IPKT: Name	IPKT: x /m	IPKT: y /m	Lr(IP) /dB(A)	
IPkt086	90 Rochdale Road 7 UF1S/W	405143.6	422859.6	19.39	

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
EZQi001	Chimney Opening	74.1	0	57.32	0.11	-3	0	0	6.34	0
EZQi005	Vent Opening	71.81	0	57.59	0.07	-3.03	0	0	5.34	0

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet

Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
FLQi044	SWIP Building/NW Wall									
		69.95	0	57.41	0.1	-3	0	0	6.24	0
FLQi045	SWIP Building/NE Wall									
		73.98	0	57.94	0.09	-3.11	0	0	17.88	0
FLQi046	SWIP Building/SE#1 Wall									
		53.74	0	57.95	0.05	-3.41	0	0	12.44	0
FLQi047	SWIP Building/SW#3 Wall									
		54.14	0	57.76	0.06	-3.13	0	0	6.2	0
FLQi048	SWIP Building/SE#2 Wall									
		38.3	0	57.74	0.06	-3.46	0	0	5.16	0
FLQi049	SWIP Building/SW#2 Wall									
		66.38	0	57.63	0.1	-3.15	0	0	6.73	0
FLQi050	SWIP Building/SE#3 Wall									
		50.53	0	57.36	0.05	-3	0	0	10.75	0
FLQi051	SWIP Building/SW#1 Wall									
		67.82	0	57.18	0.1	-3.06	0	0	6.13	0
FLQi052	SWIP Building/Roof									
		81.01	0	57.65	0.1	-3	0	0	6.08	0
FLQi056	Chimney/Wall1									
		60.65	0	57.34	0.04	-3	0	0	4.94	0
FLQi057	Chimney/Wall2									
		60.65	0	57.33	0.04	-3	0	0	4.94	0
FLQi058	Chimney/Wall3									
		60.65	0	57.33	0.04	-3	0	0	4.94	0
FLQi059	Chimney/Wall4									
		60.65	0	57.33	0.04	-3	0	0	4.94	0
FLQi060	Chimney/Wall5									

		60.65	0		57.32	0.04	-3	0	0	4.94	0
FLQi061	Chimney/Wall6										
		60.65	0		57.32	0.04	-3	0	0	4.94	0
FLQi062	Chimney/Wall7										
		60.65	0		57.32	0.04	-3	0	0	4.94	0
FLQi063	Chimney/Wall8										
		60.65	0		57.32	0.04	-3	0	0	4.94	0
FLQi064	Chimney/Wall9										
		60.65	0		57.32	0.04	-3	0	0	4.93	0
FLQi065	Chimney/Wall10										
		60.65	0		57.33	0.04	-3	0	0	4.93	0
FLQi066	Chimney/Wall11										
		60.65	0		57.33	0.04	-3	0	0	4.93	0
FLQi067	Chimney/Wall12										
		60.65	0		57.33	0.04	-3	0	0	4.93	0
FLQi068	Chimney/Wall13										
		60.65	0		57.34	0.04	-3	0	0	4.93	0
FLQi069	Chimney/Wall14										
		60.65	0		57.34	0.04	-3	0	0	6.06	0
FLQi070	Chimney/Wall15										
		60.65	0		57.34	0.04	-3	0	0	7.63	0
FLQi071	Chimney/Wall16										
		60.65	0		57.34	0.04	-3	0	0	7.94	0

BS 5228	Laeq = Lwa,T - Kh - K* + Afac | K* = max(Ks-Kh, Ascr)								
Element	Label	LwA,T		Kh	Ks-Kh	Ascr	K*	Afac	
		/dB(A)	/m	/dB	/dB	/dB	/dB	/dB	/dB
HAUL009	Wheeled Loader to/fr			53.15			10	0	

IPKT	IPKT: Name	IPKT: x /m	IPKT: y /m	Lr(IP) /dB(A)
IPkt097	44 Rochdale Road 1 GF S/W	405315.4	422952.4	30.94

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
EZQi001	Chimney Opening	74.1	0	52.44	0.11	-3	0	0	1	0
EZQi005	Vent Opening	71.81	0	53.18	0.04	-3.18	0	0	10.02	0

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
FLQi044	SWIP Building/NW Wall									
		69.95	0	52.28	0.09	-3	0	0	4.73	0
FLQi045	SWIP Building/NE Wall									
		73.98	0	52.8	0.1	-3.17	0	0	4.12	0
FLQi046	SWIP Building/SE#1 Wall									
		53.74	0	53.51	0.03	-3.51	0	0	9.76	0
FLQi047	SWIP Building/SW#3 Wall									
		54.14	0	53.55	0.03	-3.33	0	0	9.32	0
FLQi048	SWIP Building/SE#2 Wall									
		38.3	0	53.52	0.03	-3.79	0	0	9.65	0
FLQi049	SWIP Building/SW#2 Wall									
		66.38	0	53.18	0.05	-3.15	0	0	10.65	0
FLQi050	SWIP Building/SE#3 Wall									
		50.53	0	52.85	0.03	-3.04	0	0	11.18	0
FLQi051	SWIP Building/SW#1 Wall									
		67.82	0	52.66	0.08	-3.02	0	0	5.72	0

FLQi052	SWIP Building/Roof									
		81.01	0	52.83	0.11	-3	0	0	4.2	0
FLQi056	Chimney/Wall1									
		60.65	0	52.45	0.03	-3	0	0	0	0
FLQi057	Chimney/Wall2									
		60.65	0	52.44	0.03	-3	0	0	0	0
FLQi058	Chimney/Wall3									
		60.65	0	52.44	0.03	-3	0	0	0	0
FLQi059	Chimney/Wall4									
		60.65	0	52.44	0.03	-3	0	0	0	0
FLQi060	Chimney/Wall5									
		60.65	0	52.44	0.03	-3	0	0	0	0
FLQi061	Chimney/Wall6									
		60.65	0	52.44	0.03	-3	0	0	0	0
FLQi062	Chimney/Wall7									
		60.65	0	52.45	0.03	-3	0	0	0	0
FLQi063	Chimney/Wall8									
		60.65	0	52.45	0.03	-3	0	0	0	0
FLQi064	Chimney/Wall9									
		60.65	0	52.46	0.03	-3	0	0	0	0
FLQi065	Chimney/Wall10									
		60.65	0	52.46	0.03	-3	0	0	0	0
FLQi066	Chimney/Wall11									
		60.65	0	52.46	0.03	-3	0	0	0.73	0
FLQi067	Chimney/Wall12									
		60.65	0	52.47	0.03	-3	0	0	1.4	0
FLQi068	Chimney/Wall13									
		60.65	0	52.47	0.03	-3	0	0	1.43	0
FLQi069	Chimney/Wall14									

		60.65	0		52.46	0.03	-3	0	0	0	0
FLQi070	Chimney/Wall15										
		60.65	0		52.46	0.03	-3	0	0	0	0
FLQi071	Chimney/Wall16										
		60.65	0		52.45	0.03	-3	0	0	0	0

BS 5228	Laeq = Lwa,T - Kh - K* + Afac | K* = max(Ks-Kh, Ascr)								
Element	Label	LwA,T		Kh	Ks-Kh	Ascr	K*	Afac	
		/dB(A)	/m	/dB	/dB	/dB	/dB	/dB	/dB
HAUL009	Wheeled Loader to/fr			50.33			7.54	0	

IPKT	IPKT: Name	IPKT: x /m	IPKT: y /m	Lr(IP) /dB(A)
IPkt098	44 Rochdale Road 1 UF1S/W	405315.4	422952.4	31.49

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
EZQi001	Chimney Opening	74.1	0	52.45	0.11	-3	0	0	0.99	0
EZQi005	Vent Opening	71.81	0	53.21	0.04	-3	0	0	9.94	0

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
FLQi044	SWIP Building/NW Wall									
		69.95	0	52.31	0.1	-3	0	0	4.15	0
FLQi045	SWIP Building/NE Wall									
		73.98	0	52.84	0.11	-3	0	0	3.71	0
FLQi046	SWIP Building/SE#1 Wall									

		53.74	0	53.52	0.03	-3	0	0	9.57	0
FLQi047	SWIP Building/SW#3 Wall									
		54.14	0	53.56	0.03	-3	0	0	8.82	0
FLQi048	SWIP Building/SE#2 Wall									
		38.3	0	53.54	0.03	-3	0	0	9.51	0
FLQi049	SWIP Building/SW#2 Wall									
		66.38	0	53.21	0.05	-3	0	0	10.21	0
FLQi050	SWIP Building/SE#3 Wall									
		50.53	0	52.89	0.03	-3	0	0	9.59	0
FLQi051	SWIP Building/SW#1 Wall									
		67.82	0	52.7	0.08	-3	0	0	5.07	0
FLQi052	SWIP Building/Roof									
		81.01	0	52.86	0.11	-3	0	0	3.76	0
FLQi056	Chimney/Wall1									
		60.65	0	52.47	0.03	-3	0	0	0	0
FLQi057	Chimney/Wall2									
		60.65	0	52.46	0.03	-3	0	0	0	0
FLQi058	Chimney/Wall3									
		60.65	0	52.46	0.03	-3	0	0	0	0
FLQi059	Chimney/Wall4									
		60.65	0	52.46	0.03	-3	0	0	0	0
FLQi060	Chimney/Wall5									
		60.65	0	52.46	0.03	-3	0	0	0	0
FLQi061	Chimney/Wall6									
		60.65	0	52.46	0.03	-3	0	0	0	0
FLQi062	Chimney/Wall7									
		60.65	0	52.46	0.03	-3	0	0	0	0
FLQi063	Chimney/Wall8									
		60.65	0	52.47	0.03	-3	0	0	0	0

FLQi064	Chimney/Wall9									
		60.65	0		52.47	0.03	-3	0	0	0	0
FLQi065	Chimney/Wall10									
		60.65	0		52.48	0.03	-3	0	0	0	0
FLQi066	Chimney/Wall11									
		60.65	0		52.48	0.03	-3	0	0	0.73	0
FLQi067	Chimney/Wall12									
		60.65	0		52.48	0.03	-3	0	0	1.39	0
FLQi068	Chimney/Wall13									
		60.65	0		52.48	0.03	-3	0	0	1.42	0
FLQi069	Chimney/Wall14									
		60.65	0		52.48	0.03	-3	0	0	0	0
FLQi070	Chimney/Wall15									
		60.65	0		52.48	0.03	-3	0	0	0	0
FLQi071	Chimney/Wall16									
		60.65	0		52.47	0.03	-3	0	0	0	0

BS 5228	Laeq = Lwa,T - Kh - K* + Afac | K* = max(Ks-Kh, Ascr)								
Element	Label	LwA,T		Kh	Ks-Kh	Ascr	K*	Afac	
		/dB(A)	/m	/dB	/dB	/dB	/dB	/dB	/dB
HAUL009	Wheeled Loader to/fr			50.44			3.54	0	

IPKT	IPKT: Name	IPKT: x /m	IPKT: y /m	Lr(IP) /dB(A)						
IPkt111	44 Rochdale Road 8 GF S/E	405323	422953.9	30.93						

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB

EZQi001	Chimney Opening	74.1	0	52.41	0.11	-3	0	0	1	0
EZQi005	Vent Opening	71.81	0	53.14	0.05	-3.17	0	0	10.36	0

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
FLQi044	SWIP Building/NW Wall									
		69.95	0	52.23	0.09	-3	0	0	4.78	0
FLQi045	SWIP Building/NE Wall									
		73.98	0	52.71	0.1	-3.18	0	0	4.64	0
FLQi046	SWIP Building/SE#1 Wall									
		53.74	0	53.43	0.03	-3.49	0	0	9.71	0
FLQi047	SWIP Building/SW#3 Wall									
		54.14	0	53.5	0.03	-3.32	0	0	9.52	0
FLQi048	SWIP Building/SE#2 Wall									
		38.3	0	53.47	0.03	-3.77	0	0	9.83	0
FLQi049	SWIP Building/SW#2 Wall									
		66.38	0	53.14	0.05	-3.15	0	0	10.86	0
FLQi050	SWIP Building/SE#3 Wall									
		50.53	0	52.82	0.03	-3.04	0	0	11.23	0
FLQi051	SWIP Building/SW#1 Wall									
		67.82	0	52.65	0.08	-3.02	0	0	6.04	0
FLQi052	SWIP Building/Roof									
		81.01	0	52.77	0.11	-3	0	0	4.18	0
FLQi056	Chimney/Wall1									
		60.65	0	52.41	0.03	-3	0	0	0.92	0
FLQi057	Chimney/Wall2									
		60.65	0	52.41	0.03	-3	0	0	0.92	0
FLQi058	Chimney/Wall3									

		60.65	0	52.4	0.03	-3	0	0	0.92	0
FLQi059	Chimney/Wall4									
		60.65	0	52.4	0.03	-3	0	0	0.92	0
FLQi060	Chimney/Wall5									
		60.65	0	52.4	0.03	-3	0	0	0.92	0
FLQi061	Chimney/Wall6									
		60.65	0	52.41	0.03	-3	0	0	0.92	0
FLQi062	Chimney/Wall7									
		60.65	0	52.41	0.03	-3	0	0	0.92	0
FLQi063	Chimney/Wall8									
		60.65	0	52.42	0.03	-3	0	0	0.92	0
FLQi064	Chimney/Wall9									
		60.65	0	52.42	0.03	-3	0	0	0.92	0
FLQi065	Chimney/Wall10									
		60.65	0	52.43	0.03	-3	0	0	0.92	0
FLQi066	Chimney/Wall11									
		60.65	0	52.43	0.03	-3	0	0	1.47	0
FLQi067	Chimney/Wall12									
		60.65	0	52.43	0.03	-3	0	0	1.39	0
FLQi068	Chimney/Wall13									
		60.65	0	52.43	0.03	-3	0	0	1.45	0
FLQi069	Chimney/Wall14									
		60.65	0	52.43	0.03	-3	0	0	0.92	0
FLQi070	Chimney/Wall15									
		60.65	0	52.42	0.03	-3	0	0	0.92	0
FLQi071	Chimney/Wall16									
		60.65	0	52.42	0.03	-3	0	0	0.92	0

BS 5228 Laeq = Lwa,T - Kh - K* + Afac | K* = max(Ks-Kh, Ascr)

Element	Label	LwA,T		Kh	Ks-Kh	Ascr	K*	Afac	
		/dB(A)	/m	/dB	/dB	/dB	/dB	/dB	/dB
HAUL009	Wheeled Loader to/fr			50.62			4.35	0	

IPKT	IPKT: Name	IPKT: x /m	IPKT: y /m	Lr(IP) /dB(A)
IPkt112	44 Rochdale Road 8 UF1S/E	405323	422953.9	31.68

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
EZQi001	Chimney Opening	74.1	0	52.42	0.11	-3	0	0	0.98	0
EZQi005	Vent Opening	71.81	0	53.17	0.04	-3	0	0	10.28	0

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
FLQi044	SWIP Building/NW Wall									
		69.95	0	52.27	0.1	-3	0	0	4.2	0
FLQi045	SWIP Building/NE Wall									
		73.98	0	52.61	0.1	-3	0	0	2.22	0
FLQi046	SWIP Building/SE#1 Wall									
		53.74	0	53.45	0.03	-3	0	0	9.52	0
FLQi047	SWIP Building/SW#3 Wall									
		54.14	0	53.52	0.03	-3	0	0	9.03	0
FLQi048	SWIP Building/SE#2 Wall									
		38.3	0	53.49	0.03	-3	0	0	9.69	0
FLQi049	SWIP Building/SW#2 Wall									
		66.38	0	53.16	0.05	-3	0	0	10.43	0

FLQi050	SWIP Building/SE#3 Wall									
		50.53	0	52.86	0.03	-3	0	0	9.71	0
FLQi051	SWIP Building/SW#1 Wall									
		67.82	0	52.68	0.08	-3	0	0	5.38	0
FLQi052	SWIP Building/Roof									
		81.01	0	52.8	0.11	-3	0	0	3.73	0
FLQi056	Chimney/Wall1									
		60.65	0	52.43	0.03	-3	0	0	0	0
FLQi057	Chimney/Wall2									
		60.65	0	52.42	0.03	-3	0	0	0	0
FLQi058	Chimney/Wall3									
		60.65	0	52.42	0.03	-3	0	0	0	0
FLQi059	Chimney/Wall4									
		60.65	0	52.42	0.03	-3	0	0	0	0
FLQi060	Chimney/Wall5									
		60.65	0	52.42	0.03	-3	0	0	0	0
FLQi061	Chimney/Wall6									
		60.65	0	52.42	0.03	-3	0	0	0	0
FLQi062	Chimney/Wall7									
		60.65	0	52.43	0.03	-3	0	0	0	0
FLQi063	Chimney/Wall8									
		60.65	0	52.43	0.03	-3	0	0	0	0
FLQi064	Chimney/Wall9									
		60.65	0	52.44	0.03	-3	0	0	0	0
FLQi065	Chimney/Wall10									
		60.65	0	52.44	0.03	-3	0	0	0	0
FLQi066	Chimney/Wall11									
		60.65	0	52.45	0.03	-3	0	0	1.46	0
FLQi067	Chimney/Wall12									

		60.65	0		52.45	0.03	-3	0	0	1.38	0
FLQi068	Chimney/Wall13										
		60.65	0		52.45	0.03	-3	0	0	1.44	0
FLQi069	Chimney/Wall14										
		60.65	0		52.44	0.03	-3	0	0	0	0
FLQi070	Chimney/Wall15										
		60.65	0		52.44	0.03	-3	0	0	0	0
FLQi071	Chimney/Wall16										
		60.65	0		52.43	0.03	-3	0	0	0	0

BS 5228	Laeq = Lwa,T - Kh - K* + Afac | K* = max(Ks-Kh, Ascr)								
Element	Label	LwA,T		Kh	Ks-Kh	Ascr	K*	Afac	
		/dB(A)	/m	/dB	/dB	/dB	/dB	/dB	/dB
HAUL009	Wheeled Loader to/fr			50.57			3.81	0	

IPKT	IPKT: Name	IPKT: x /m	IPKT: y /m	Lr(IP) /dB(A)
IPkt113	28 Rochdale Road 1 GF S/W	405357.2	422976.8	29.06

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
EZQi001	Chimney Opening	74.1	0	53.77	0.13	-3	0	0	1.01	0
EZQi005	Vent Opening	71.81	0	54.33	0.07	-3.54	0	0	13.48	0

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
FLQi044	SWIP Building/NW Wall									

		69.95	0	53.58	0.09	-3.13	0	0	5.19	0
FLQi045	SWIP Building/NE Wall									
		73.98	0	53.77	0.1	-3.23	0	0	4.91	0
FLQi046	SWIP Building/SE#1 Wall									
		53.74	0	54.42	0.04	-3.38	0	0	10.53	0
FLQi047	SWIP Building/SW#3 Wall									
		54.14	0	54.6	0.04	-3.41	0	0	10.35	0
FLQi048	SWIP Building/SE#2 Wall									
		38.3	0	54.58	0.03	-3.71	0	0	11.59	0
FLQi049	SWIP Building/SW#2 Wall									
		66.38	0	54.32	0.06	-3.24	0	0	12.22	0
FLQi050	SWIP Building/SE#3 Wall									
		50.53	0	54.13	0.03	-3.16	0	0	11.53	0
FLQi051	SWIP Building/SW#1 Wall									
		67.82	0	54.06	0.07	-3.05	0	0	8.83	0
FLQi052	SWIP Building/Roof									
		81.01	0	53.95	0.11	-3	0	0	4.45	0
FLQi056	Chimney/Wall1									
		60.65	0	53.77	0.05	-3	0	0	3.12	0
FLQi057	Chimney/Wall2									
		60.65	0	53.77	0.05	-3	0	0	3.12	0
FLQi058	Chimney/Wall3									
		60.65	0	53.77	0.05	-3	0	0	3.12	0
FLQi059	Chimney/Wall4									
		60.65	0	53.77	0.05	-3	0	0	3.12	0
FLQi060	Chimney/Wall5									
		60.65	0	53.77	0.05	-3	0	0	3.12	0
FLQi061	Chimney/Wall6									
		60.65	0	53.77	0.05	-3	0	0	3.13	0

FLQi062	Chimney/Wall7									
		60.65	0		53.78	0.05	-3	0	0	3.13	0
FLQi063	Chimney/Wall8									
		60.65	0		53.78	0.05	-3	0	0	3.13	0
FLQi064	Chimney/Wall9									
		60.65	0		53.79	0.05	-3	0	0	3.12	0
FLQi065	Chimney/Wall10									
		60.65	0		53.79	0.04	-3	0	0	2.29	0
FLQi066	Chimney/Wall11									
		60.65	0		53.79	0.03	-3	0	0	1.41	0
FLQi067	Chimney/Wall12									
		60.65	0		53.79	0.03	-3	0	0	1.43	0
FLQi068	Chimney/Wall13									
		60.65	0		53.79	0.05	-3	0	0	3.12	0
FLQi069	Chimney/Wall14									
		60.65	0		53.79	0.05	-3	0	0	3.12	0
FLQi070	Chimney/Wall15									
		60.65	0		53.78	0.05	-3	0	0	3.12	0
FLQi071	Chimney/Wall16									
		60.65	0		53.78	0.05	-3	0	0	3.12	0

BS 5228	Laeq = Lwa,T - Kh - K* + Afac | K* = max(Ks-Kh, Ascr)								
Element	Label	LwA,T		Kh	Ks-Kh	Ascr	K*	Afac	
		/dB(A)	/m	/dB	/dB	/dB	/dB	/dB	/dB
HAUL009	Wheeled Loader to/fr			52.03			9.03	0	

IPKT	IPKT: Name	IPKT: x /m	IPKT: y /m	Lr(IP) /dB(A)
IPkt114	28 Rochdale Road 1 UF1S/W	405357.2	422976.8	29.69

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
EZQi001	Chimney Opening	74.1	0	53.78	0.13	-3	0	0	1	0
EZQi005	Vent Opening	71.81	0	54.35	0.07	-3	0	0	13.38	0

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
FLQi044	SWIP Building/NW Wall									
		69.95	0	53.59	0.09	-3	0	0	4.92	0
FLQi045	SWIP Building/NE Wall									
		73.98	0	53.79	0.12	-3	0	0	4.38	0
FLQi046	SWIP Building/SE#1 Wall									
		53.74	0	54.45	0.04	-3	0	0	9.1	0
FLQi047	SWIP Building/SW#3 Wall									
		54.14	0	54.61	0.04	-3.02	0	0	9.64	0
FLQi048	SWIP Building/SE#2 Wall									
		38.3	0	54.59	0.03	-3	0	0	10.11	0
FLQi049	SWIP Building/SW#2 Wall									
		66.38	0	54.34	0.06	-3	0	0	11.3	0
FLQi050	SWIP Building/SE#3 Wall									
		50.53	0	54.14	0.03	-3	0	0	11.35	0
FLQi051	SWIP Building/SW#1 Wall									
		67.82	0	54.06	0.08	-3	0	0	6.89	0
FLQi052	SWIP Building/Roof									
		81.01	0	53.97	0.12	-3	0	0	4.14	0
FLQi056	Chimney/Wall1									

		60.65	0	53.78	0.03	-3	0	0	0	0
FLQi057	Chimney/Wall2									
		60.65	0	53.78	0.03	-3	0	0	0	0
FLQi058	Chimney/Wall3									
		60.65	0	53.78	0.03	-3	0	0	0	0
FLQi059	Chimney/Wall4									
		60.65	0	53.78	0.03	-3	0	0	0	0
FLQi060	Chimney/Wall5									
		60.65	0	53.78	0.03	-3	0	0	0	0
FLQi061	Chimney/Wall6									
		60.65	0	53.78	0.03	-3	0	0	0	0
FLQi062	Chimney/Wall7									
		60.65	0	53.79	0.03	-3	0	0	0	0
FLQi063	Chimney/Wall8									
		60.65	0	53.79	0.03	-3	0	0	0	0
FLQi064	Chimney/Wall9									
		60.65	0	53.8	0.03	-3	0	0	0	0
FLQi065	Chimney/Wall10									
		60.65	0	53.8	0.03	-3	0	0	0.74	0
FLQi066	Chimney/Wall11									
		60.65	0	53.8	0.03	-3	0	0	1.4	0
FLQi067	Chimney/Wall12									
		60.65	0	53.8	0.03	-3	0	0	1.42	0
FLQi068	Chimney/Wall13									
		60.65	0	53.8	0.03	-3	0	0	0	0
FLQi069	Chimney/Wall14									
		60.65	0	53.8	0.03	-3	0	0	0	0
FLQi070	Chimney/Wall15									
		60.65	0	53.79	0.03	-3	0	0	0	0

FLQi071	Chimney/Wall16									
		60.65	0		53.79	0.03	-3	0	0	0	0

BS 5228	Laeq = Lwa,T - Kh - K* + Afac | K* = max(Ks-Kh, Ascr)									
Element	Label	LwA,T		Kh	Ks-Kh	Ascr	K*	Afac		
		/dB(A)	/m	/dB	/dB	/dB	/dB	/dB	/dB	
HAUL009	Wheeled Loader to/fr			52.14			8.31	0		

IPKT	IPKT: Name	IPKT: x /m	IPKT: y /m	Lr(IP) /dB(A)						
IPkt121	28 Rochdale Road 5 GF S/E	405363.5	422974.7	28.69						

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
EZQi001	Chimney Opening	74.1	0	53.67	0.13	-3	0	0	1.02	0
EZQi005	Vent Opening	71.81	0	54.21	0.07	-3.51	0	0	13.6	0

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
FLQi044	SWIP Building/NW Wall									
		69.95	0	53.46	0.09	-3.11	0	0	5.39	0
FLQi045	SWIP Building/NE Wall									
		73.98	0	53.62	0.09	-3.11	0	0	3.17	0
FLQi046	SWIP Building/SE#1 Wall									
		53.74	0	54.3	0.04	-3.55	0	0	12.7	0
FLQi047	SWIP Building/SW#3 Wall									
		54.14	0	54.47	0.04	-3.39	0	0	10.93	0

FLQi048	SWIP Building/SE#2 Wall									
		38.3	0	54.45	0.04	-3.82	0	0	12.74	0
FLQi049	SWIP Building/SW#2 Wall									
		66.38	0	54.2	0.06	-3.23	0	0	12.31	0
FLQi050	SWIP Building/SE#3 Wall									
		50.53	0	54.02	0.03	-3.2	0	0	12.58	0
FLQi051	SWIP Building/SW#1 Wall									
		67.82	0	53.97	0.07	-3.05	0	0	9.02	0
FLQi052	SWIP Building/Roof									
		81.01	0	53.82	0.1	-3	0	0	4.66	0
FLQi056	Chimney/Wall1									
		60.65	0	53.66	0.04	-3	0	0	4.41	0
FLQi057	Chimney/Wall2									
		60.65	0	53.66	0.04	-3	0	0	4.41	0
FLQi058	Chimney/Wall3									
		60.65	0	53.66	0.04	-3	0	0	4.41	0
FLQi059	Chimney/Wall4									
		60.65	0	53.66	0.04	-3	0	0	4.41	0
FLQi060	Chimney/Wall5									
		60.65	0	53.66	0.04	-3	0	0	4.41	0
FLQi061	Chimney/Wall6									
		60.65	0	53.67	0.04	-3	0	0	4.41	0
FLQi062	Chimney/Wall7									
		60.65	0	53.67	0.04	-3	0	0	4.41	0
FLQi063	Chimney/Wall8									
		60.65	0	53.68	0.04	-3	0	0	4.41	0
FLQi064	Chimney/Wall9									
		60.65	0	53.68	0.04	-3	0	0	4.41	0
FLQi065	Chimney/Wall10									

		60.65	0		53.68	0.03	-3	0	0	2.71	0
FLQi066	Chimney/Wall11										
		60.65	0		53.69	0.03	-3	0	0	1.41	0
FLQi067	Chimney/Wall12										
		60.65	0		53.68	0.03	-3	0	0	1.45	0
FLQi068	Chimney/Wall13										
		60.65	0		53.68	0.04	-3	0	0	4.41	0
FLQi069	Chimney/Wall14										
		60.65	0		53.68	0.04	-3	0	0	4.41	0
FLQi070	Chimney/Wall15										
		60.65	0		53.67	0.04	-3	0	0	4.41	0
FLQi071	Chimney/Wall16										
		60.65	0		53.67	0.04	-3	0	0	4.41	0

BS 5228	Laeq = Lwa,T - Kh - K* + Afac | K* = max(Ks-Kh, Ascr)										
Element	Label	LwA,T		Kh	Ks-Kh	Ascr	K*	Afac			
		/dB(A)	/m	/dB	/dB	/dB	/dB	/dB	/dB		
HAUL009	Wheeled Loader to/fr			51.79			10	0			

IPKT	IPKT: Name	IPKT: x /m	IPKT: y /m	Lr(IP) /dB(A)
IPkt122	28 Rochdale Road 5 UF1S/E	405363.5	422974.7	29.38

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
EZQi001	Chimney Opening	74.1	0	53.67	0.13	-3	0	0	1.01	0
EZQi005	Vent Opening	71.81	0	54.22	0.07	-3	0	0	13.5	0

ISO 9613-2	LfT = Lw + Dc - Adiv - Aatm - Agr - Afol - Ahous - Abar - Cmet									
Element	Label	Lw	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet
		/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB	/dB
FLQi044	SWIP Building/NW Wall									
		69.95	0	53.47	0.09	-3	0	0	5.07	0
FLQi045	SWIP Building/NE Wall									
		73.98	0	53.62	0.11	-3	0	0	4.78	0
FLQi046	SWIP Building/SE#1 Wall									
		53.74	0	54.28	0.04	-3	0	0	10.04	0
FLQi047	SWIP Building/SW#3 Wall									
		54.14	0	54.49	0.03	-3.02	0	0	9.69	0
FLQi048	SWIP Building/SE#2 Wall									
		38.3	0	54.46	0.03	-3	0	0	11.22	0
FLQi049	SWIP Building/SW#2 Wall									
		66.38	0	54.22	0.06	-3	0	0	11.4	0
FLQi050	SWIP Building/SE#3 Wall									
		50.53	0	54.03	0.03	-3	0	0	11.42	0
FLQi051	SWIP Building/SW#1 Wall									
		67.82	0	53.98	0.07	-3	0	0	8.79	0
FLQi052	SWIP Building/Roof									
		81.01	0	53.83	0.12	-3	0	0	4.38	0
FLQi056	Chimney/Wall1									
		60.65	0	53.67	0.04	-3	0	0	0.83	0
FLQi057	Chimney/Wall2									
		60.65	0	53.67	0.04	-3	0	0	0.83	0
FLQi058	Chimney/Wall3									
		60.65	0	53.67	0.04	-3	0	0	0.83	0
FLQi059	Chimney/Wall4									
		60.65	0	53.67	0.03	-3	0	0	0	0

FLQi060	Chimney/Wall5									
		60.65	0		53.67	0.03	-3	0	0	0	0
FLQi061	Chimney/Wall6									
		60.65	0		53.67	0.03	-3	0	0	0	0
FLQi062	Chimney/Wall7									
		60.65	0		53.68	0.03	-3	0	0	0	0
FLQi063	Chimney/Wall8									
		60.65	0		53.68	0.04	-3	0	0	0.83	0
FLQi064	Chimney/Wall9									
		60.65	0		53.69	0.04	-3	0	0	0.83	0
FLQi065	Chimney/Wall10									
		60.65	0		53.69	0.04	-3	0	0	1.73	0
FLQi066	Chimney/Wall11									
		60.65	0		53.69	0.03	-3	0	0	1.4	0
FLQi067	Chimney/Wall12									
		60.65	0		53.69	0.03	-3	0	0	1.44	0
FLQi068	Chimney/Wall13									
		60.65	0		53.69	0.04	-3	0	0	0.88	0
FLQi069	Chimney/Wall14									
		60.65	0		53.69	0.04	-3	0	0	0.85	0
FLQi070	Chimney/Wall15									
		60.65	0		53.68	0.04	-3	0	0	0.83	0
FLQi071	Chimney/Wall16									
		60.65	0		53.68	0.04	-3	0	0	0.83	0

BS 5228	Laeq = Lwa,T - Kh - K* + Afac | K* = max(Ks-Kh, Ascr)								
Element	Label	LwA,T		Kh	Ks-Kh	Ascr	K*	Afac	
		/dB(A)	/m	/dB	/dB	/dB	/dB	/dB	/dB
HAUL009	Wheeled Loader to/fr			51.94			9.48	0	