

Residential - BS 4142:2014

Daytime

Receptor	Predicted Specific Sound Level L_s dB	Character Correction dB	Rating Level $L_{Ar,Tr}$ dB	Background Sound Level L_{A90} dB	Residual Sound Level L_{Aeq} dB	Difference between Rating and Background Sound Level dB	Total Sound Level Specific Plus Residual $L_{Aeq,T}$ dB	Change in Noise Level dB
31 St Patricks Hill	46	0	46	37	43	8	47	5
Catalina Avenue	42	0	42	38	55	4	55	0
Commercial Row S	40	0	40	40	48	1	49	1
Martello Road	48	0	48	37	43	11	49	6

Night-time

Receptor	Predicted Specific Sound Level L_s dB	Character Correction dB	Rating Level $L_{Ar,Tr}$ dB	Background Sound Level L_{A90} dB	Residual Sound Level L_{Aeq} dB	Difference between Rating and Background Sound Level dB	Total Sound Level Specific Plus Residual $L_{Aeq,T}$ dB	Change in Noise Level dB
31 St Patricks Hill	48	0	48	35	37	13	48	11
Catalina Avenue	43	0	43	33	42	10	45	3
Commercial Row S	41	0	41	33	41	8	44	3
Martello Road	48	0	48	35	37	14	49	11

Hospital - HTM 08-01

Daytime

Receptor	Predicted Sound Level $L_{Aeq,T}$ dB	Existing Ambient Sound Level $L_{Aeq,T}$ dB	Total Sound Level, Existing plus Predicted $L_{Aeq,T}$ dB	Change in Noise Level dB
South Pembrokeshire Hospital	54	55	58	2
Surehaven Pembroke Hospital	51	55	57	1

Night-time

Receptor	Predicted Sound Level $L_{Aeq,T}$ dB	Existing Ambient Sound Level $L_{Aeq,T}$ dB	Total Sound Level, Existing plus Predicted $L_{Aeq,T}$ dB	Change in Noise Level dB
South Pembrokeshire Hospital	54	42	54	12
Surehaven Pembroke Hospital	51	42	52	10

Commercial Receptors - BS 8233:2014**Daytime**

Receptor	Predicted Sound Level $L_{Aeq,T}$ dB	Existing Ambient Sound Level $L_{Aeq,T}$ dB	Total Sound Level, Existing plus Predicted $L_{Aeq,T}$ dB	Change in Noise Level dB
The Terrace	47	42	48	7