

## **TECHNICAL APPENDIX 13.3: CONSTRUCTION NOISE ASSESSMENT OF INVERGARRY TEE OHL DIVERSION**

- 1. APPENDIX 13.3 CONSTRUCTION NOISE OF INVERGARRY TEE OHL  
DIVERSION** **1-2**

## 1. TECHNICAL APPENDIX 13.3: CONSTRUCTION NOISE OF INVERGARRY TEE OHL DIVERSION

**Table 1-1: BS 5228-1 Assessment – Felling and Access – Evenings and Weekends**

NSR	Shortest distance to felling buffer boundary (m)	Daytime Construction Noise Limit (dB)	Total Equivalent Noise Level at 10 m from OHL (dB)	Sound Pressure Level at Receptor (dB)	Construction Noise Limit Exceedance
1	3449	55	91	43	-12
2	1901	55	91	44	-11
3	6485	55	91	32	-23
4	3495	55	91	36	-19
5	3496	55	91	36	-19
6	3401	55	91	45	-10
7	6703	55	91	38	-17
8	7065	55	91	37	-18
9	7098	55	91	36	-19
10	7185	55	91	37	-18
11	7346	55	91	34	-21
12	7371	55	91	33	-22
13	7420	55	91	33	-22
14	7512	55	91	33	-22

**Table 1-2: BS 5228-1 Assessment – Foundations and Access – Evenings and Weekends**

NSR	Shortest distance to OHL (m)	Daytime Construction Noise Limit (dB)	Total Equivalent Noise Level at 10 m from OHL (dB)	Sound Pressure Level at Receptor (dB)	Construction Noise Limit Exceedance
1	3449	55	85	43	-12
2	1901	55	85	42	-13
3	6485	55	85	30	-25
4	3495	55	85	32	-23
5	3496	55	85	32	-23
6	3401	55	85	45	-10
7	6703	55	85	37	-18
8	7065	55	85	36	-19

9	7098	55	85	36	-19
10	7185	55	85	37	-18
11	7346	55	85	33	-22
12	7371	55	85	32	-23
13	7420	55	85	32	-23
14	7512	55	85	31	-24

**Table 1-3: BS 5228-1 Assessment – Tower Erection – Evenings and Weekends**

NSR	Shortest distance to OHL (m)	Daytime Construction Noise Limit (dB)	Total Equivalent Noise Level at 10 m from OHL (dB)	Sound Pressure Level at Receptor (dB)	Construction Noise Limit Exceedance
1	3449	55	84	43	-12
2	1901	55	84	42	-13
3	6485	55	84	30	-25
4	3495	55	84	32	-23
5	3496	55	84	32	-23
6	3401	55	84	45	-10
7	6703	55	84	37	-18
8	7065	55	84	36	-19
9	7098	55	84	36	-19
10	7185	55	84	37	-18
11	7346	55	84	33	-22
12	7371	55	84	32	-23
13	7420	55	84	32	-23
14	7512	55	84	31	-24

**Table 1-4: BS 5228-1 Assessment – Stringing – Evenings and Weekends**

NSR	Shortest distance to OHL (m)	Daytime Construction Noise Limit (dB)	Total Equivalent Noise Level at 10 m from OHL (dB)	Sound Pressure Level at Receptor (dB)	Construction Noise Limit Exceedance
1	3449	55	74	42	-13
2	1901	55	74	41	-14
3	6485	55	74	30	-25
4	3495	55	74	30	-25

<b>5</b>	3496	55	74	30	-25
<b>6</b>	3401	55	74	45	-10
<b>7</b>	6703	55	74	37	-18
<b>8</b>	7065	55	74	36	-19
<b>9</b>	7098	55	74	36	-19
<b>10</b>	7185	55	74	37	-18
<b>11</b>	7346	55	74	32	-23
<b>12</b>	7371	55	74	32	-23
<b>13</b>	7420	55	74	32	-23
<b>14</b>	7512	55	74	31	-24