Light Valley Solar

Environmental Statement Volume 3

Appendix 11.2: Construction Noise and Vibration Assumptions and Results

Document Reference: EN0110012/APP/LVS/06.03.11.02

February 2026

Planning Inspectorate Reference: EN0110012
APFP Regulation 5(2)(a)

Light Valley Solar

Infrastructure Planning

Planning Act 2008

The Infrastructure Planning
(Applications: Prescribed Forms and Procedure) Regulations 2009

Light Valley Solar

DCO Submission

Appendix 11.2: Construction Noise and Vibration Assumptions and Results

---

Regulation Reference	APFP Regulation 5(2)(a)
Planning Inspectorate Case Reference	EN0110012
Application Document Reference	EN0110012/APP/LVS/06.03.11.02
Author	Light Valley Solar Limited

Version	Date	Status of Version
1.0	February 2026	DCO Submission

Contents

List of tables

1 Introduction

1.1 Overview and purpose of the document

1.1.1 This appendix provides the construction activity assumptions that form the basis for the prediction of construction noise in accordance with BS 5228:2009+A1:2014 Code of practice for noise and vibration control on construction and open sites - Noise (Part 1) and Vibration (Part 2) (Ref 1). For details on the methodology of assessment for construction noise including assumptions and limitations, as well as the construction traffic noise assessment, please refer to Chapter 11: Noise and Vibration (ES Volume 1) [**EN0110012/APP/LVS/06.01.11**].

1.1.2 This appendix also presents information used for the assessment of ecology receptors.

1.2 Construction activity noise assumptions

1.2.1 The construction activities assessed are based on the information available at the time of writing and are listed below:

1) Activity A1 - Installation of Solar PV panels;
2) Activity A2 - Construction of Substations on Solar Development Sites;
3) Activity A3 - Construction of Cable Route Corridor;
4) Activity A4 – Construction of BESS Compound including fencing, security and lighting;
5) Activity A5 - Horizontal directional drilling; and
6) Activity A6 - Solar Development Site Construction Compounds and the Cable Construction Compounds (construction and demobilisation).

1.2.2 Activities with their corresponding plant items, number of units, sound power levels and usage assumptions are presented below.

1.3 Construction noise model assumptions

1.3.1 Additionally, the following assumptions are made for the model in line with guidance presented in BS ISO 9613-2:2024 (Ref 2).

1) Source height: 1 m;
2) Receiver height: 1.5 m; and
3) Absorbing ground: Soft.

Table 1-1 Construction noise assumptions

Ref	Activity name	Equipment	Number	% on-time	Plant sound power level dBL_{wA}	Reference	Plant operation sound power level dBL_{wA}	Activity sound power level dBL_{wA}
A1	Installation of solar PV panels	Articulated Dump Truck	1	60	106	BS5228 Table C 4-2	104	110
		Wheeled Mobile Telescopic Crane	1	40	106	BS5228 Table C 4-38	102	
		Diesel Generator	1	20	94	BS5228 Table C 4-85	87	
		Mini Piling Rig	1	20	104	BS5228 Table C 3-17	97	
		Cement Mixer Truck (Discharging)	1	20	103	BS5228 Table C 4-18	96	
		Dumper	1	60	105	BS5228 Table C 4-9	103	
		Tracked Excavator	1	60	105	BS5228 Table C 4-63	103	
		Hand tools	1	80	94	Estimated	93	
A2	Construction of electrical infrastructure	Tracked Excavator	2	60	105	BS5228 Table C 4-63	106	112
		Lorry	2	60	108	BS5228 Table C 2-34	109	
		Telescopic Handler	2	60	98	BS5228 Table C 4-55	99	
		Mini Piling Rig	1	20	104	BS5228 Table C 3-17	97	
		Wheeled Mobile Crane	2	40	98	BS5228 Table C 3-30	97	
		Hand-Held Welder (Welding Piles)	2	40	101	BS5228 Table C 3-31	100	
		Generator for Welding	2	40	101	BS5228 Table C 3-32	100	
		Gas Cutter (Cutting Top of Pile)	2	40	96	BS5228 Table C 3-34	95	
		Mobile Telescopic Crane	2	40	99	BS5228 Table C 4-41	98	
		Lifting Platform	2	40	95	BS5228 Table C 4-57	94	

Ref	Activity name	Equipment	Number	% on-time	Plant sound power level dBL_{wA}	Reference	Plant operation sound power level dBL_{wA}	Activity sound power level dBL_{wA}
		Site Lift for Workers	2	40	94	BS5228 Table C 4-62	93	
		Diesel Generator	2	20	94	BS5228 Table C 4-85	90	
		Cement Mixer Truck (Discharging)	1	20	103	BS5228 Table C 4-18	96	
		Hand tools	1	80	94	Estimated	93	
A3	Construction of electrical cables and joint bays (including cable route corridor)	Tracked Excavator	1	60	105	BS5228 Table C 4-63	103	110
		Wheeled Backhoe Loader	1	60	97	BS5228 Table C 4-66	95	
		Dumper	2	60	105	BS5228 Table C 4-9	106	
		Telescopic Handler	1	60	98	BS5228 Table C 4-55	96	
		Vibratory Roller	1	40	95	BS5228 Table C 5-27	91	
		Cement Mixer Truck (Discharging)	1	20	103	BS5228 Table C 4-18	96	
		Lorry	1	60	108	BS5228 Table C 2-34	106	
		Hand tools	1	80	94	Estimated	93	
A4	Energy storage construction, fencing, security and lighting	Tracked Excavator	1	60	105	BS5228 Table C 4-63	103	113
		Wheeled Loader	1	60	108	BS5228 Table C 2-27	106	
		Wheeled Mobile Telescopic Crane	1	40	106	BS5228 Table C 4-38	102	
		Dump Truck (Tipping Fill)	2	40	107	BS5228 Table C 2-30	106	
		Telescopic Handler	1	60	98	BS5228 Table C 4-55	96	
		Cement Mixer Truck (Discharging)	1	20	103	BS5228 Table C 4-18	96	
		Vibratory Piling Rig	1	20	116	BS5228 Table C 3-8	109	
		Hand tools	1	80	94	Estimated	93	

Ref	Activity name	Equipment	Number	% on-time	Plant sound power level dBL_{wA}	Reference	Plant operation sound power level dBL_{wA}	Activity sound power level dBL_{wA}
A5	Horizontal directional drilling (HDD)	Directional Drill (Generator)	2	100	105	BS5228 Table C 2-44	108	114
		Water Pump	1	100	93	BS5228 Table C 2-45	93	
		Tracked Excavator	1	60	107	BS5228 Table C 2-14	105	
		Tracked Drilling Rig with Hydraulic Drifter	1	100	110	BS5228 Table C 3-15	110	
		Tractor (Towing Equipment)	1	60	108	BS5228 Table C 4-74	106	
		Hand tools	1	80	94	Estimated	93	
A6	Solar Development Site Construction Compounds and the Cable Construction Compounds (construction and demobilisation)	Tractor (Towing Equipment)	1	60	108	BS5228 Table C 4-74	106	118
		Hand tools	1	80	94	Estimated	93	
		Dumper	1	60	104	BS5228 Table C 4-4	102	
		Asphalt Paver (+Tipper Lorry)	1	60	112	BS5228 Table C 5-32	110	
		Roller (Rolling Fill)	1	40	107	BS5228 Table C 2-37	103	
		Dozer	2	60	108	BS5228 Table C 2-10	109	
		Tracked Excavator	2	60	104	BS5228 Table C 2-5	105	
		Tipper Lorry	3	60	113	BS5228 Table D 3-112	116	

1.4 Vibration assumptions

1.4.1 Construction vibration assumptions are presented below. The assumptions are based on the information presented in BS5228-2. In the absence of detailed information on the plant that would be used, conservative assumptions are made by choosing the parameters that would yield the high end of vibration predictions.

Table 1-2 Vibration assumptions

Vibration activity	Parameter	Description	Assumption
Vibratory compaction - steady state	k_t	Scaling factor	75
	N_d	Number of vibrating drums	1
	A	Maximum amplitude of drum vibration (mm)	1.72
	L_d	Vibrating roller width (range in m)	2.2
Vibratory compaction - start-up/run-down	k_t	Scaling factor	65
	N_d	Number of vibrating drums	1
	A	Maximum amplitude of drum vibration (mm)	1.72
	L_d	Vibrating roller width (range in m)	2.2
HDD – Bored piling*	k_p	All piles being driven to refusal	5
	W	Nominal hammer energy, in kilojoules (kJ)	50
Vibratory piling	k_t	Scaling factor	60
	δ	Exponent	1.2
**HDD vibration estimated based on percussive piling predictor scaled to bored piling vibration level by applying a factor of 1/10.*			

2 Construction noise assessment results

2.1 Overview

2.1.1 The construction noise assessment presented in this section shows the highest predicted sound pressure level at each receptor for the day, evening and night. These noise levels are presented as free-field level and are representative of receptors nearby. Planned evening and night activity would only be HDD and therefore the evening and night predictions are presented together.

2.1.2 Figure 11.2: Environmental Sound Survey and Assessment Locations (ES Volume 2) [**EN0110012/APP/LVS/06.02.11.02**], presents the location of the receptors for which construction noise levels have been predicted.

2.1.3 Where the predicted construction noise level exceeds the relevant ABC Category, the results in the relevant cell are greyed.

Table 2-1 Construction noise predictions - daytime

Assessed receptor	ABC category	Predicted construction noise levels $dBL_{Aeq,12hr}$	Exceedance over impact threshold $dBL_{Aeq,12hr}$
CRC_R1	A (65 dB)	53	-12
CRC_R2	A (65 dB)	59	-6
CRC_R3	A (65 dB)	53	-12
CRC_R4	A (65 dB)	58	-7
CRC_R5	A (65 dB)	47	-18
CRC_R6	A (65 dB)	59	-6
CRC_R7	A (65 dB)	59	-6
CRC_R8	A (65 dB)	52	-13
CRC_R9	A (65 dB)	46	-19
CRC_R10	A (65 dB)	51	-14
CRC_R11	A (65 dB)	43	-22
CRC_R12	A (65 dB)	55	-10
CRC_R13	A (65 dB)	53	-12
CRC_R14	A (65 dB)	50	-15
CRC_R15	A (65 dB)	52	-13
CRC_R16	A (65 dB)	50	-15
CRC_R17	A (65 dB)	48	-17
CRC_R18	A (65 dB)	44	-22
CRC_R19	A (65 dB)	57	-8
CRC_R20	A (65 dB)	51	-14
CRC_R21	A (65 dB)	57	-8

Assessed receptor	ABC category	Predicted construction noise levels $dBL_{Aeq,12hr}$	Exceedance over impact threshold $dBL_{Aeq,12hr}$
CRC_R22	A (65 dB)	53	-12
CRC_R23	A (65 dB)	51	-14
CRC_R24	A (65 dB)	48	-17
CRC_R25	A (65 dB)	54	-11
CRC_R26	A (65 dB)	51	-14
CRC_R27	A (65 dB)	48	-17
CRC_R28	A (65 dB)	47	-18
CRC_R29	A (65 dB)	45	-20
S1_R1	A (65 dB)	54	-11
S1_R2	A (65 dB)	45	-20
S1_R3	A (65 dB)	48	-17
S1_R4	A (65 dB)	60	-5
S1_R5	A (65 dB)	53	-12
S1_R6	A (65 dB)	46	-19
S1_R9	A (65 dB)	48	-17
S1_R10	A (65 dB)	60	-5
S1_R12	A (65 dB)	58	-7
S2_R1	A (65 dB)	60	-5
S2_R2	A (65 dB)	55	-10
S2_R3	A (65 dB)	55	-10
S2_R4	A (65 dB)	58	-7
S2_R5	A (65 dB)	52	-13
S2_R6	A (65dB)	57	-8
S2_R7	A (65dB)	50	-15
S2_R8	A (65dB)	56	-9
S3_R1	A (65 dB)	51	-14
S4_R1	A (65 dB)	50	-15
S4_R2	A (65 dB)	55	-10
S4_R3	A (65 dB)	51	-14
S4_R4	A (65 dB)	54	-11
S4_R5	A (65 dB)	53	-12
S4_R6	A (65dB)	58	-7
S4_R7	A (65 dB)	49	-16
S4_R8	A (65 dB)	51	-14
S4_R11	A (65 dB)	58	-7

Assessed receptor	ABC category	Predicted construction noise levels $dBL_{Aeq,12hr}$	Exceedance over impact threshold $dBL_{Aeq,12hr}$
S6_R1	A (65 dB)	54	-11
S6_R2	A (65 dB)	58	-7
S6_R3	A (65 dB)	56	-9
S6_R4	A (65 dB)	55	-10
S6_R5	A (65 dB)	47	-18
S7_R1	A (65 dB)	58	-7
S8_R1	A (65 dB)	55	-10
S8_R2	A (65 dB)	50	-15
S8_R3	A (65 dB)	45	-20

Table 2-2 Construction noise predictions – evening and night-time

Assessed receptor	ABC category	Predicted construction noise levels* $dBL_{Aeq,8hr}$	Exceedance over impact threshold* $dBL_{Aeq,8hr}$
CRC_R1	A (45 dB)	51	6
CRC_R2	A (45 dB)	53	8
CRC_R3	A (45 dB)	50	5
CRC_R4	A (45 dB)	54	9
CRC_R5	A (45 dB)	42	-3
CRC_R6	A (45 dB)	56	11
CRC_R7	A (45 dB)	52	7
CRC_R8	A (45 dB)	48	3
CRC_R9	A (45 dB)	42	-3
CRC_R10	A (45 dB)	46	1
CRC_R11	A (45 dB)	38	-7
CRC_R12	A (45dB)	43	-2
CRC_R13	A (45dB)	51	6
CRC_R14	A (45 dB)	47	2
CRC_R15	A (45 dB)	51	6
CRC_R16	A (45 dB)	48	3
CRC_R17	A (45 dB)	44	-1
CRC_R18	A (45 dB)	40	-5
CRC_R19	A (45 dB)	50	5
CRC_R20	A (45 dB)	49	4
CRC_R21	A (45 dB)	55	10

Assessed receptor	ABC category	Predicted construction noise levels* $dBL_{Aeq,8hr}$	Exceedance over impact threshold* $dBL_{Aeq,8hr}$
CRC_R22	A (45 dB)	51	6
CRC_R23	A (45 dB)	48	3
CRC_R24	A (45 dB)	46	1
CRC_R25	A (45 dB)	46	1
CRC_R26	A (45 dB)	45	0
CRC_R27	A (45 dB)	46	1
CRC_R28	A (45 dB)	45	0
CRC_R29	A (45 dB)	45	0
S1_R1	A (45 dB)	37	-8
S1_R2	A (45dB)	26	-19
S1_R3	A (45dB)	31	-14
S1_R4	A (45 dB)	40	-5
S1_R5	A (45 dB)	39	-6
S1_R6	A (45 dB)	42	-3
S1_R9	A (45 dB)	27	-18
S1_R10	A (45 dB)	30	-15
S1_R12	A (45 dB)	35	-10
S2_R1	A (45 dB)	51	6
S2_R2	A (45 dB)	48	3
S2_R3	A (45 dB)	52	7
S2_R4	A (45 dB)	47	2
S2_R5	A (45 dB)	46	1
S2_R6	A (45 dB)	47	2
S2_R7	A (45 dB)	45	0
S2_R8	A (45 dB)	53	8
S3_R1	A (45 dB)	44	-1
S4_R1	A (45 dB)	48	3
S4_R2	A (45 dB)	41	-4
S4_R3	A (45 dB)	40	-5
S4_R4	A (45 dB)	47	2
S4_R5	A (45 dB)	46	1
S4_R6	A (45 dB)	49	4
S4_R7	A (45 dB)	45	0
S4_R8	A (45 dB)	38	-7
S4_R11	A (45 dB)	39	-6

Assessed receptor	ABC category	Predicted construction noise levels* $dBL_{Aeq,8hr}$	Exceedance over impact threshold* $dBL_{Aeq,8hr}$
S6_R1	A (45 dB)	46	1
S6_R2	A (45 dB)	46	1
S6_R3	A (45 dB)	45	0
S6_R4	A (45 dB)	42	-3
S6_R5	A (45 dB)	43	-2
S7_R1	A (45 dB)	53	8
S8_R1	A (45 dB)	44	-1
S8_R2	A (45 dB)	38	-7
S8_R3	A (45 dB)	37	-8

**Proposed activities during the evening and night-time periods are the same i.e. only HDD. Figures in bold font therefore only refer to exceedances of the night-time criterion. No exceedance of the evening criterion is anticipated.*

3 Construction vibration assessment results

3.1 Overview

3.1.1 Results of the predicted Peak Particle Velocities (PPVs) are presented below for each of the assessed receptors.

3.1.2 Figure 11.2: Environmental Sound Survey and Assessment Locations (ES Volume 2) [**EN0110012/APP/LVS/06.02.11.02**], presents the location of the receptors for which construction vibration levels have been predicted.

Table 3-1 Construction noise vibration predictions (PPV, mm/s)

Assessed receptor	Vibratory compaction – startup/rundown	Vibratory compaction – steady	Vibratory piling startup/rundown	Horizontal drilling
CRC_R1	0.7	0.3	<0.1	0.2
CRC_R2	0.6	0.3	<0.1	0.4
CRC_R3	0.6	0.2	<0.1	0.4
CRC_R4	0.8	0.3	<0.1	0.5
CRC_R5	0.1	<0.1	<0.1	0.1
CRC_R6	0.9	0.4	<0.1	0.6
CRC_R7	1.6	0.7	<0.1	0.5
CRC_R8	0.6	0.2	<0.1	0.2
CRC_R9	0.3	0.1	<0.1	0.1
CRC_R10	0.6	0.2	<0.1	0.2
CRC_R11	0.1	<0.1	<0.1	0.1
CRC_R12	0.9	0.4	<0.1	0.1
CRC_R13	0.6	0.3	<0.1	0.3
CRC_R14	0.4	0.1	<0.1	0.2
CRC_R15	0.3	0.1	<0.1	0.2
CRC_R16	0.2	0.1	<0.1	0.2
CRC_R17	0.3	0.1	<0.1	0.1
CRC_R18	0.5	0.2	<0.1	0.1
CRC_R19	1.5	0.7	0.1	0.4
CRC_R20	0.2	0.1	0.2	0.2
CRC_R21	0.8	0.3	0.3	0.6
CRC_R22	0.4	0.1	0.1	0.3
CRC_R23	0.2	0.1	0.1	0.2
CRC_R24	0.2	0.1	0.1	0.1
CRC_R25	0.8	0.3	0.1	0.1
CRC_R26	0.4	0.2	<0.1	0.2
CRC_R27	0.3	0.1	<0.1	0.2
CRC_R28	0.1	<0.1	<0.1	0.1
CRC_R29	0.1	<0.1	<0.1	0.2
S1_R1	0.2	<0.1	1.0	<0.1
S1_R2	0.1	<0.1	0.3	<0.1
S1_R3	0.1	<0.1	0.3	<0.1
S1_R4	0.2	0.1	1.7	0.1

Assessed receptor	Vibratory compaction – startup/rundown	Vibratory compaction – steady	Vibratory piling startup/rundown	Horizontal drilling
S1_R5	0.2	0.1	0.7	0.1
S1_R6	0.1	<0.1	0.1	0.1
S1_R9	0.1	<0.1	0.3	<0.1
S1_R10	0.2	0.1	1.8	<0.1
S1_R12	0.2	0.1	0.8	<0.1
S2_R1	0.4	0.2	2.0	0.3
S2_R2	0.6	0.2	0.5	0.4
S2_R3	0.6	0.2	0.3	0.4
S2_R4	0.3	0.1	1.3	0.2
S2_R5	0.2	0.1	0.4	0.1
S2_R6	0.2	0.1	1.2	0.1
S2_R7	0.5	0.2	0.2	0.2
S2_R8	0.6	0.2	0.2	0.4
S3_R1	0.1	<0.1	0.6	0.1
S4_R1	0.1	<0.1	0.3	0.2
S4_R2	0.1	<0.1	0.8	<0.1
S4_R3	0.2	0.1	0.2	0.1
S4_R4	0.1	<0.1	0.6	0.1
S4_R5	0.1	<0.1	0.7	0.1
S4_R6	0.1	<0.1	1.6	0.2
S4_R7	0.1	<0.1	0.2	0.1
S4_R8	0.3	0.1	1.2	<0.1
S4_R11	0.1	<0.1	1.8	<0.1
S6_R1	0.3	0.1	0.8	0.2
S6_R2	0.1	<0.1	1.4	0.1
S6_R3	0.1	<0.1	1.2	0.2
S6_R4	0.1	<0.1	1.2	0.1
S6_R5	0.1	<0.1	0.3	0.1
S7_R1	0.1	<0.1	1.2	1.2
S8_R1	0.4	0.1	0.6	0.1
S8_R2	0.1	<0.1	0.4	0.1
S8_R3	0.1	<0.1	0.2	<0.1

4 Construction noise information for ecology receptors

4.1 Overview

4.1.1 Table 4-1 below presents the noise information associated with construction airborne noise levels used for the assessment of ecology receptors. Details of the assessment are presented in Chapter 12: Ornithology (ES Volume 1) [**EN0110012/APP/LVS/06.01.12**].

4.1.2 The predicted construction noise levels presented below are calculated based on the methodologies as presented in the main noise and vibration chapter. In order to present a worst-case scenario for predicted $L_{Aeq,T}$, no time correction is applied to represent a realistic maximum $L_{Aeq,T}$.

4.1.3 The noise levels below assume construction noise barriers as presented in section 11.8 of Chapter 11: Noise and Vibration (ES Volume 1) [**EN0110012/APP/LVS/06.01.11**]. These temporary barriers would provide an attenuation of about 5 dB(A) in line with BS5228.

Table 4-1 Construction noise information used for ecology assessment

Construction Receptor	Representative measurement location name	Representative measurement location in $L_{Aeq,T}$	Predicted construction noise levels in $L_{Aeq,T}$	Difference between baseline and predicted construction noise levels dB(A)
S1_R1	L1	44	57	13
S1_R2	L2	45	47	2
S1_R3	L3	54	50	-4
S1_R4	L4	49	63	14
S1_R5	L4	49	55	6
S1_R6	L1	44	48	4
S1_R9	L2 and L3	52	51	-1
S1_R10	L2 and L3	52	63	12
S1_R12	L1	44	51	7
S2_R1	L10	63	63	0
S2_R2	L10	63	58	-5
S2_R3	L10	63	57	-6
S2_R4	L9	47	61	14
S2_R5	L9	47	54	7
S2_R6	L9	47	60	13
S2_R7	L12	53	53	0
S2_R8	L5 and L9	47	58	11
S3_R1	L7	49	54	5
S4_R1	L5	47	52	5
S4_R2	L8	48	58	10
S4_R3	L8	48	53	5
S4_R4	L5	47	56	9
S4_R5	L5 and L6	45	55	10
S4_R6	L5	47	61	14
S4_R7	L5	47	51	4

Construction Receptor	Representative measurement location name	Representative measurement location in $L_{Aeq,T}$	Predicted construction noise levels in $L_{Aeq,T}$	Difference between baseline and predicted construction noise levels dB(A)
S4_R8	L8	48	54	6
S4_R11	L8	48	61	13
S6_R1	L13, L14 and L15	51	56	6
S6_R2	L13	49	61	12
S6_R3	L13	49	58	9
S6_R4	L15	52	58	6
S6_R5	L19	47	49	2
S7_R1	L16	55	60	5
S8_R1	L23	51	57	6
S8_R2	L18	50	53	3
S8_R3	L18	50	47	-3
S8_R1	L23	51	57	6
S8_R2	L18	50	53	3
S8_R3	L18	50	47	-3
CRC_R1	-	-	54	-
CRC_R2	-	-	60	-
CRC_R3	-	-	55	-
CRC_R4	-	-	60	-
CRC_R5	-	-	49	-
CRC_R6	-	-	60	-
CRC_R7	-	-	61	-
CRC_R8	-	-	53	-
CRC_R9	-	-	48	-
CRC_R10	-	-	53	-
CRC_R11	-	-	45	-
CRC_R12	-	-	58	-
CRC_R13	-	-	54	-
CRC_R14	-	-	52	-
CRC_R15	-	-	53	-
CRC_R16	-	-	51	-
CRC_R17	-	-	50	-
CRC_R18	-	-	45	-

Construction Receptor	Representative measurement location name	Representative measurement location in $L_{Aeq,T}$	Predicted construction noise levels in $L_{Aeq,T}$	Difference between baseline and predicted construction noise levels dB(A)
CRC_R19	-	-	59	-
CRC_R20	-	-	52	-
CRC_R21	-	-	58	-
CRC_R22	-	-	54	-
CRC_R23	-	-	52	-
CRC_R24	-	-	50	-
CRC_R25	-	-	56	-
CRC_R26	-	-	52	-
CRC_R27	-	-	49	-
CRC_R28	-	-	47	-
CRC_R29	-	-	45	-

References

Ref 1 British Standards, “BS 5228:2009+A1:2014 Code of practice for noise and vibration control on construction and open sites - Noise (Part 1) and Vibration (Part 2),” 2014. British Standard Institution.

Ref 2 ISO, “ISO 9613-2:2024 Acoustics — Attenuation of sound during propagation outdoors Part 2: Engineering method for the prediction of sound pressure levels outdoors,” 2024. International Organization for Standarization,

Light Valley
Solar

W: Lightvalleysolar.co.uk
E: info@lightvalleysolar.co.uk