

Environmental Statement: Technical Appendix 12.3 – Typical Construction Plant Details

ES TA 12.3

Development of National Significance

Alaw Môn Solar Farm

Land west of the B5112, 415m south of Llyn Alaw, 500m east of Llantrisant and 1.5km west of Llannerch-y-Medd, Anglesey

February 2024



Appendix 12.3 – Typical Construction Plant Details

Noise Sources	BS5228 Ref	10m level - dB(A)	L _{WA}	No.	% on	Total L _{WA}
Site Preparation						
30t Tracked Excavator	C.2 16	75	103	2	50	103
Dump Truck Tipping Fill	C.2 30	79	107	4	25	107
Lorry	C.2 34	80	108	2	25	105
Grader	C.6 31	86	114	1	50	111
Vibratory Roller	C.2 39	74	102	1	75	101
Water Pump	C.2 46	62	90	1	100	90
Foundations						
Telehandler	C.2 35	71	99	2	50	99
Mini Piling Rig	C.3 17	76	104	1	75	103
30t Tracked Excavator	C.2 16	75	103	1	50	100
Lorry	C.2 34	80	108	2	25	105
Gas Cutter	C.3 34	68	96	1	25	90
Water Pump	C.2 46	62	90	1	100	90
Structure (& Decommissioning)						
Telehandler	C.2 35	71	99	2	50	99
Lorry	C.2 34	80	108	2	25	105
Mobile Crane	C.4 43	70	98	1	25	92
Angle Grinder	C.4 93	80	108	1	20	101
Hammering	D.7 80	79	107	1	20	100