

Typical Construction Plant Details

**Development of National Significance
Pre-Application Consultation**

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

October 2023



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