

**Appendix 5H****Construction Plant Inventory****Prepared for: Kronospan****December 2025****DNS5-4-018**

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**Table 1 – Soil Movements**

Plant Type	Sound Power Level	% Operating Time	Distance Ratio
Dozer	106	100	1.0
Excavator/Loader	103	100	1.0
8 Wheeled Tipper	107	100	1.0
Lorry	103	100	1.0

**Table 2 – Piling Activities**

Plant Type	Sound Power Level	% Operating Time	Distance Ratio
Piling Rig	116	80	1.0
HGV	103	10	1.0
Concrete Pump	110	100	1.0
Truck Mixer	107	80	1.0
Poker Vibrator	106	80	N/A

**Table 3 – General Site Noisy Activities**

Plant Type	Sound Power Level	% Operating Time	Distance Ratio
Excavator	104	100	1.0
HGV	103	10	1.0
Dumper	104	100	1.0
Telehandler	105	100	1.0
Compressor	95	100	N/A
Generator	103	100	N/A
Mobile Crane	101	100	1.0

**Table 4 – Infrastructure Construction**

Plant Type	Sound Power Level	% Operating Time	Distance Ratio
Asphalt Melter	103	100	1.0
Asphalt Spreader	96	100	1.0
Road Roller	102	100	1.0
Lorry	103	10	1.0
Poker Vibrator	106	100	N/A
Concrete pump	103	100	N/A
Compressor	95	100	N/A



**Table 5 – Infrastructure Construction (concreting activities)**

Plant Type	Sound Power Level	% Operating Time	Distance Ratio
Excavator	106	100	1.0
Truck Mixer	105	100	1.0
Dumper	104	100	1.0
Front Loader	108	100	1.0
Compressor	105	100	N/A
Poker Vibrator	102	100	N/A
HGV	103	10	N/A
Concrete Pump	107	100	N/A
Mobile Crane	110	20	N/A
Cyclone	112	100	N/A

**Table 6 – Plant and Facility Construction**

Plant Type	Sound Power Level	% Operating Time	Distance Ratio
Mobile Crane	101	100	1.0
Power Tools (drills, saws)	108	20	N/A
Steelwork Erection	108	100	1.0
Telehandler	105	100	1.0
HGV	103	20	1.0
Air Tools (cutting/grinding)	107	50	N/A
Generator	103	100	N/A
Compressor	95	100	N/A

