

**Fanellan Hub 400 kV Substation and
Converter Station
Environmental Impact Assessment Report
Volume 4 | Technical Appendices**

**Appendix 14.27 – BD OHL Worst Case
Construction Activities and Associated Noise
Levels for General Work
February 2025**



TECHNICAL APPENDIX 14: NOISE IMPACT ASSESSMENT

14.27 BD OHL Worst Case Construction Activities and Associated Noise Levels for General Work

Activity	Plant Item	Quantity	Utilisation %	Sound Power, LW (dB(A))	Sound Power corrected for quantity and utilisation, LW (dB(A))	L _{Aeq} at 10 m (dB)
General Work	Van	8	80%	98	106	78
	Pick Up Truck	15	20%	119	124	96
	C2.34 Lorry	1	10%	108	98	70
	C6.38 Tractor (towing water bowser)	2	80%	111	114	86
	C2.34 Lorry	2	80%	108	110	82
Total					124	96