

Scottish Hydro Electric Transmission plc
Beaully-Denny Overhead Line Diversion
Environmental Appraisal
Technical Appendices

Appendix 9 A.8 – Worst Case Construction Activities and
Associated Noise Levels for Stringing with Conductor
July 2025



9A.8 WORST CASE CONSTRUCTION ACTIVITIES AND ASSOCIATED NOISE LEVELS FOR STRINGING WITH CONDUCTOR

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)
Stringing with Conductor	C2.34 Lorry	1	10%	108	98	70
	C2.35 Telescopic Handler	1	80%	99	98	70
	C6.39 Diesel Generator	2	100%	93	96	68
	C4.86 Diesel Generator	2	20%	93	90	62
	C6.38 Tractor (Towing Water Bowser)	2	100%	111	114	87
Total					115	90