

Equipment Schedule – before residential population intake at Cyberport

(Extracted from Appendix 5.1, Volume 1B, the EIA Report)

JETTY/QUAY DECK CONSTRUCTION

Powered Mechanical Equipment (PME)	TM Ref	Max. No. of Item	SWL/Item dB(A)
Compressor	CNP 001	2	100.0
Crane	BS	2	90.0
Concrete Pump	BS	1	105.0
Vibratory Poker	BS	2	100.0
Barge with Driven Plant	BS	2	105.0

BUILDING CONSTRUCTION WORKS

Foundation

Powered Mechanical Equipment (PME)	TM Ref	Max. No. of Item	SWL/Item dB(A)
Dumper	BS	2	110.0
Concrete Pump	BS	2	105.0
Compressor	CNP 001	2	100.0
Vibratory Poker	BS	4	100.0
Crane (mobile)	BS	2	105.0
Backhoe	CNP 081	3	112.0
Drilling/Driven Plant	BS	6	105.0

File Cap construction

Powered Mechanical Equipment (PME)	TM Ref.	Max. No. of Item	SWL/Item dB(A)
Backhoe	CNP 081	2	112.0
Loader	BS	1	105.0
Compressor	CNP 001	2	100.0
Crane (Mobile)	BS	1	105.0
Concrete Pump	BS	1	105.0
Vibratory Poker	BS	2	100.0
Truck	CNP 048	2	105.0



Superstructure Construction

Powered Mechanical Equipment (PME)	TM Ref.	Max. No. of Item	SWL/Item dB(A)
Compressor	CNP 001	2	100.0
Crane (tower)	BS	4	90.0
Concrete Pump	BS	4	105.0
Concrete Truck	BS	6	109.0
Vibratory Poker	BS	4	100.0
Truck	CNP 048	6	105.0

MAIN CIVIL WORKS

Earthwork

Powered Mechanical Equipment (PME)	TM Ref.	Max. No. of Item	SWL/Item dB(A)
Earth Moving Truck	BS	2	112.0
Bulldozer	BS	2	105.0
Backhoe	CNP 081	2	112.0
Pneumatic Breaker	CNP 027	1	115.0
Compressor	CNP 001	1	100.0

Drainage

Powered Mechanical Equipment (PME)	TM Ref.	Max. No. of Item	SWL/Item dB(A)
Dump Truck	BS	1	109.0
Backhoe	CNP 081	1	112.0

Road Works

Powered Mechanical Equipment (PME)	TM Ref.	Max. No. of Item	SWL/Item dB(A)
Truck	CNP 048	4	105.0
Power	BS	1	109.0
Roller	BS	1	108.0
Backhoe	CNP 081	2	112.0
Concrete Truck	BS	2	109.0
Pneumatic Breaker	CNP 027	3	115.0



Geotechnical

Powered Mechanical Equipment (PME)	TM Ref.	Max. No. of Item	SWL/Item dB(A)
Backhoe	CNP 081	1	112.0
Truck	CNP 048	1	105.0
Compressor	CNP 001	1	100.0
Crane Truck	BS	1	105.0
Drilling Rig	BS	2	105.0

Stream Re-alignment Works

Powered Mechanical Equipment (PME)	TM Ref.	Max. No. of Item	SWL/Item dB(A)
Backhoe	CNP 081	1	112.0
Truck	CNP 048	1	105.0
Compressor	CNP 001	1	100.0

Sewage Treatment Works and other G/C Facilities

Powered Mechanical Equipment (PME)	TM Ref.	Max. No. of Item	SWL/Item dB(A)
Backhoe	CNP 081	1	112.0
Earth Moving Truck	BS	1	112.0
Compressor	CNP 001	1	102.0
Crane	BS	2	105.0
Concrete Truck	BS	2	109.0
Vibratory Poker	BS	2	100.0
Truck	CNP048	2	105.0

Note: BS - information from BS5228: Part 1: 1997 "Noise Control on Construction and Open Sites"



Equipment Schedule – after residential population intake at Cyberport

(Extracted from Appendix 5.1, Volume 1B, the EIA report and Appendix 5.4, Volume 2, the EIA report)

MAIN DEVELOPMENT WORKS**Foundation**

Powered Mechanical Equipment (PME)	TM Ref.	Max. No. of Items	SWL/Item dB(A)
Excavator	BS	2	105.0
Dump truck	BS	2	109.0

Superstructural Works**High/Mid/Low-Rise**

Powered Mechanical Equipment (PME)	TM or Other Reference	Max. No. of Items	SWL/Item dB(A)
Lorry	BS	2	105.0
Tower crane	BS	1	90.0
Concrete lorry mixer	CNP 044	2	109.0
Compactor	CNP 050	3	105.0
Compressor	CNP 001	2	100.0
Vibratory poker	BS	3	100.0

House

Powered Mechanical Equipment (PME)	TM Ref.	Max. No. of Items	SWL/Item dB(A)
Mobile diesel crane	BS	1	105.0
Lorry	BS	1	105.0
Concrete lorry mixer	CNP 044	1	109.0
Compactor	CNP 050	2	105.0
Compressor	CNP 001	1	100.0
Vibratory poker	BS	2	100.0

Sewage Treatment Plant

Powered Mechanical Equipment (PME)	TM Ref.	Max. No. of Items	SWL/Item dB(A)
Mobile diesel crane	BS	1	105.0
Lorry	BS	2	105.0
Concrete lorry mixer	CNP 044	2	109.0
Compactor	CNP 050	2	105.0
Compressor	CNP 001	1	100.0
Vibratory poker	BS	2	100.0

Road Works

Powered Mechanical Equipment (PME)	TM Ref.	Max. No. of Items	SWL/Item dB(A)
Truck	CNP048	4	105.0
Paver	BS	1	109.0
Roller	BS	1	108.0
Backhoe	CNP081	2	105.0
Concrete Truck	BS	2	109.0
Pneumatic Breaker	CNP 027	3	115.0

Note: BS – information from BS5228: Part 1: 1997 "Noise Control on Construction and Open Sites"



Equipment Schedule for the Construction and Operation of Concrete Batching Plant at Cybperort

(Extracted from Appendix 5.2 of the EIA report for the Concrete Batching Plant)

Construction Stage				
Equipment	Quantity	TM reference	SWL per Piece dB(A)	Sub-Total SWL dB(A)
Generator Set	2	CNP 101	108	111
Excavator	1	CNP 081	112	112
150T Mobile Crane	2	CNP 048	112	115
Service Truck	2	CNP 067	117	120
Vibration Poker	2	CNP 170	113	116
Pneumatic Breaker	1	CNP 026	114	114
Compressor	1	CNP 003	104	104
Concrete Mixer Truck	2	CNP 044	109	112
Total SWL in dB(A)				124
Operation Stage 1				
Equipment	Quantity	TM reference	SWL per Piece dB(A)	Sub-Total SWL dB(A)
Wheel Loader	1	CNP 081	112	112
Concrete Recycle Machine	1	CNP 045	96	96
Generator	1	CNP 101	108	108
Cement Blower	1	CNP 047	109	109
Concrete Wet Mixer	1	CNP 045	96	96
Tipper Truck	1	CNP 067	117	117
Cement Tanker	1	CNP 141	112	112
Concrete Mixer Truck	3	CNP 044	109	114
Batching Plant	1	CNP 022	108	108
Compressor	2	CNP 003	104	107
Total SWL in dB(A)				121
Operation Stage 2				
Equipment	Quantity	TM reference	SWL per Piece dB(A)	Sub-Total SWL dB(A)
Wheel Loader	1	CNP 081	112	112
Concrete Recycle Machine	1	CNP 045	96	96
Generator	4	CNP 101	108	114
Cement Blower	3	CNP 047	109	114
Concrete Wet Mixer	3	CNP 045	96	101
Tipper Truck	1	CNP 067	117	117
barge	3	CNP 061	104	109
Concrete Mixer Truck	8	CNP 044	109	118
Batching Plant	1	CNP 022	108	108
Compressor	5	CNP 003	104	111
Total SWL in dB(A)				123