

## Appendix 5-6

### Noise Impact for NSR CN1 (With Silenced Equipments and Barriers)

Task	SWL	Distance from		Distance from boundary to NSR	Distance from Noise Source to NSR	G/F Slant Distance	1/F Slant Distance	2/F Slant Distance	G/F D.A	1/F D.A	2/F D.A	G/F BNL	1/F BNL	2/F BNL	G/F Overall PNL, dB(A)	1/F Overall PNL, dB(A)	2/F Overall PNL, dB(A)
		Noise Source to Boundary	Noise Source to Boundary														
A1	105.5	50	77.0	27	77.0	77.0	77.1	77.3	-45.8	-45.8	-45.8	59.8	59.8	59.8	62.8	62.8	62.8
A2	105.5	50	77.0	27	77.0	77.0	77.1	77.3	-45.8	-45.8	-45.8	59.8	59.8	59.8	62.8	62.8	62.8
A3	108.0	50	77.0	27	77.0	77.0	77.1	77.3	-45.8	-45.8	-45.8	62.3	62.3	62.3	65.3	65.3	65.3
A4	105.5	50	77.0	27	77.0	77.0	77.1	77.3	-45.8	-45.8	-45.8	59.8	59.8	59.8	62.8	62.8	62.8
B1	105.5	50	77.0	27	77.0	77.0	77.1	77.3	-45.8	-45.8	-45.8	59.8	59.8	59.8	62.8	62.8	62.8
B2	104.1	50	77.0	27	77.0	77.0	77.1	77.3	-45.8	-45.8	-45.8	58.4	58.4	58.3	61.4	61.4	61.3
B3	105.5	50	77.0	27	77.0	77.0	77.1	77.3	-45.8	-45.8	-45.8	59.8	59.8	59.8	62.8	62.8	62.8
B4	107.0	50	77.0	27	77.0	77.0	77.1	77.3	-45.8	-45.8	-45.8	61.2	61.2	61.2	64.2	64.2	64.2
B5a	109.8	20	47.0	27	47.0	47.0	47.2	47.5	-41.5	-41.5	-41.6	68.3	68.3	68.2	71.3	71.3	71.2
B5b	109.2	20	47.0	27	47.0	47.0	47.2	47.5	-41.5	-41.5	-41.6	67.7	67.7	67.6	70.7	70.7	70.6
B6	104.0	50	77.0	27	77.0	77.0	77.1	77.3	-45.8	-45.8	-45.8	58.2	58.2	58.2	61.2	61.2	61.2
B7	98.8	20	47.0	27	47.0	47.0	47.2	47.5	-41.5	-41.5	-41.6	57.3	57.3	57.2	60.3	60.3	60.2
B8	105.3	20	47.0	27	47.0	47.0	47.2	47.5	-41.5	-41.5	-41.6	63.8	63.8	63.7	66.8	66.8	66.7
B9	101.5	20	47.0	27	47.0	47.0	47.2	47.5	-41.5	-41.5	-41.6	60.1	60.1	60.0	63.1	63.1	63.0
C1	104.1	0	23.0	23	23.0	23.0	23.4	24.1	-35.4	-35.4	-35.7	68.9	68.9	68.5	71.9	71.7	71.5
C2	104.8	0	23.0	23	23.0	23.0	23.4	24.1	-35.4	-35.4	-35.7	69.5	69.4	69.1	72.5	72.4	72.1
C3	105.5	0	23.0	23	23.0	23.0	23.4	24.1	-35.4	-35.4	-35.7	70.2	70.1	69.9	73.2	73.1	72.9
C4	101.5	0	23.0	23	23.0	23.0	23.4	24.1	-35.4	-35.4	-35.7	66.3	66.1	65.9	69.3	69.1	68.9

#### Floor Height above ground

G/F	1.2
2/F	4.2
3/F	7.2

#### Legend

SWL	Sound Power Level, dB(A)
D.A.	Distance Attenuation, dB(A)
BNL	Basic Noise Level, dB(A)
PNL	Predicted Noise Level including 3 dB(A) façade correction

## Appendix 5-6

### Noise Impact for NSR CN2

(With Silenced Equipments and Barriers)

Task	SWL	Distance from Noise Source to Boundary	Distance from boundary to NSR	Distance from Noise Source to NSR	G/F	1/F	2/F	G/F	1/F	2/F	1/F	2/F	1/F	2/F	1/F	2/F	1/F	2/F	Overall PNL, dB(A)	1/F	2/F	
					Slant Distance	Slant Distance	Slant Distance		D.A	D.A	BNL	BNL	BNL	BNL	BNL	BNL	BNL	BNL				
A1	105.5	50	560	610.0	610.0	610.0	610.0	-63.7	-63.7	-63.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	44.8	44.8	44.8	44.8
A2	105.5	50	560	610.0	610.0	610.0	610.0	-63.7	-63.7	-63.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	44.8	44.8	44.8	44.8
A3	108.0	50	560	610.0	610.0	610.0	610.0	-63.7	-63.7	-63.7	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	47.3	47.3	47.3	47.3
A4	105.5	50	560	610.0	610.0	610.0	610.0	-63.7	-63.7	-63.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	44.8	44.8	44.8	44.8
B1	105.5	50	460	510.0	510.0	510.0	510.1	-62.2	-62.2	-62.2	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	46.4	46.4	46.4	46.4
B2	104.1	50	460	510.0	510.0	510.0	510.1	-62.2	-62.2	-62.2	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	45.0	45.0	45.0	45.0
B3	105.5	50	460	510.0	510.0	510.0	510.1	-62.2	-62.2	-62.2	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	46.4	46.4	46.4	46.4
B4	107.0	50	460	510.0	510.0	510.0	510.1	-62.2	-62.2	-62.2	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	47.8	47.8	47.8	47.8
B5a	109.8	20	460	480.0	480.0	480.0	480.1	-61.6	-61.6	-61.6	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	51.1	51.1	51.1	51.1
B5b	109.2	20	460	480.0	480.0	480.0	480.1	-61.6	-61.6	-61.6	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	50.5	50.5	50.5	50.5
B6	104.0	50	460	510.0	510.0	510.0	510.1	-62.2	-62.2	-62.2	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	44.8	44.8	44.8	44.8
B7	98.8	20	460	480.0	480.0	480.0	480.1	-61.6	-61.6	-61.6	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	40.1	40.1	40.1	40.1
B8	105.3	20	460	480.0	480.0	480.0	480.1	-61.6	-61.6	-61.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	46.6	46.6	46.6	46.6
B9	101.5	20	460	480.0	480.0	480.0	480.1	-61.6	-61.6	-61.6	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	42.9	42.9	42.9	42.9
C1	104.1	0	20	20.0	20.0	20.0	21.3	-34.1	-34.1	-34.1	70.1	69.9	69.9	69.9	69.9	69.9	69.9	69.9	72.9	72.9	72.9	72.9
C2	104.8	0	20	20.0	20.0	20.0	21.3	-34.1	-34.1	-34.1	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	73.5	73.5	73.5	73.5
C3	105.5	0	20	20.0	20.0	20.0	21.3	-34.1	-34.1	-34.1	71.5	71.3	71.3	71.3	71.3	71.3	71.3	71.3	74.3	74.3	74.3	74.3
C4	101.5	0	20	20.0	20.0	20.0	21.3	-34.1	-34.1	-34.1	67.5	67.3	67.3	67.3	67.3	67.3	67.3	67.3	70.3	70.3	70.3	70.3

Height above ground

G/F 1.2

2/F 4.2

3/F 7.2

#### Legend

SWL

Sound Power Level, dB(A)

D.A.

Distance Attenuation, dB(A)

BNL

Basic Noise Level, dB(A)

PNL

Predicted Noise Level including 3 dB(A) façade correction