

Appendix 4.14 Eligibility Test for Indirect Noise Mitigation Measures

NAP			Road Traffic Noise Criteria, dB(A)	Overall Noise Level in Prevailing (Year 2021), dB(A)	Overall Noise Level with Project in Mitigated Scenario (Year 2040) [A], dB(A)	Other Roads Noise Level with Project in Mitigated Scenario (Year 2040) [B], dB(A)	Eligibility Testing Criteria for Indirect Noise Mitigation Measures(*)					Indirect Mitigation Measures Required? (Y/N)
							(i) predicted overall noise level from the project must be above a specified noise level	(ii) predicted overall noise level is at least 1.0 dB(A) more than the prevailing traffic noise level		(iii) contribution to the increase in the predicted overall noise level from the road project must be at least 1.0 dB(A)		
ID	Floor	NAP Level, mPD					(i) [A] > Criteria? (Y/N)	(ii) [A] - Prevailing	> or = 1 dB(A) (Y/N)	(iii) [A] - [B]	> or = 1 dB(A) (Y/N)	
N01	1/F	8.2	65	72.6	74.2	74.2	Y	1.6	Y	0.0	N	N
N02	1/F	7.2	70	62.6	64.2	64.1	N	1.6	Y	0.1	N	N
N03	1/F	9	70	69.2	65.8	59.7	N	-3.4	N	6.1	Y	N
N03	2/F	11.8	70	70.7	67.6	60.6	N	-3.1	N	7.0	Y	N
N04	1/F	9.9	70	63.2	62.1	54.7	N	-1.1	N	7.4	Y	N
N04	2/F	12.7	70	67.3	65.9	57.4	N	-1.4	N	8.5	Y	N
N04	3/F	15.5	70	70.2	68.9	59.2	N	-1.3	N	9.7	Y	N
N05	1/F	8.9	70	71.5	72.4	52.3	Y	0.9	N	20.1	Y	N
N05	2/F	11.7	70	73.1	74.0	56.0	Y	0.9	N	18.0	Y	N
N06	1/F	10.8	70	78.1	78.5	41.4	Y	0.4	N	37.1	Y	N
N07	1/F	11.7	70	75.8	75.7	53.5	Y	-0.1	N	22.2	Y	N
N07	2/F	14.5	70	76.7	76.7	56.3	Y	0.0	N	20.4	Y	N
N07	3/F	17.3	70	77.0	76.8	56.7	Y	-0.2	N	20.1	Y	N
N08	1/F	11.9	70	68.4	67.7	44.8	N	-0.7	N	22.9	Y	N
N08	2/F	14.7	70	72.4	71.9	45.1	Y	-0.5	N	26.8	Y	N
N09a	1/F	10.9	70	68.1	69.2	54.4	N	1.1	Y	14.8	Y	N
N09a	2/F	13.7	70	71.6	71.6	54.4	Y	0.0	N	17.2	Y	N
N09b	1/F	10.9	70	71.1	70.5	32.6	Y	-0.6	N	37.9	Y	N
N09b	2/F	13.7	70	72.0	71.5	33.7	Y	-0.5	N	37.8	Y	N
N09b	3/F	16.5	70	72.7	72.3	34.8	Y	-0.4	N	37.5	Y	N
N10	1/F	12.7	70	67.2	68.3	57.3	N	1.1	Y	11.0	Y	N
N10	2/F	15.5	70	67.7	68.7	57.3	N	1.0	Y	11.4	Y	N
N11	1/F	14.6	70	74.0	74.7	53.5	Y	0.7	N	21.2	Y	N
N11	2/F	17.4	70	78.3	77.9	53.7	Y	-0.4	N	24.2	Y	N
N12	1/F	14.1	70	72.9	70.6	64.4	Y	-2.3	N	6.2	Y	N
N12	2/F	16.9	70	73.5	71.2	64.4	Y	-2.3	N	6.8	Y	N
N13	1/F	13.5	70	74.1	70.9	63.9	Y	-3.2	N	7.0	Y	N
N13	2/F	16.3	70	74.8	71.6	63.9	Y	-3.2	N	7.7	Y	N
N14	1/F	16	70	75.0	75.2	69.7	Y	0.2	N	5.5	Y	N
N14	2/F	18.8	70	75.5	75.8	69.5	Y	0.3	N	6.3	Y	N
N15	1/F	15.8	70	77.5	77.5	64.9	Y	0.0	N	12.6	Y	N
N15	2/F	18.6	70	78.7	78.7	68.9	Y	0.0	N	9.8	Y	N
N16	1/F	16.8	70	73.2	72.8	63.9	Y	-0.4	N	8.9	Y	N
N16	2/F	19.6	70	74.0	73.6	64.0	Y	-0.4	N	9.6	Y	N
N17	1/F	17.2	70	75.7	75.5	60.4	Y	-0.2	N	15.1	Y	N
N17	2/F	20	70	79.3	78.5	66.3	Y	-0.8	N	12.2	Y	N
N18	1/F	18	70	73.1	72.9	61.4	Y	-0.2	N	11.5	Y	N
N18	2/F	20.8	70	74.0	73.9	63.4	Y	-0.1	N	10.5	Y	N
N18	3/F	23.6	70	74.5	74.3	64.3	Y	-0.2	N	10.0	Y	N
N19	1/F	18.2	70	69.7	70.6	67.2	Y	0.9	N	3.4	Y	N
N20	1/F	19.7	70	71.5	70.7	62.9	Y	-0.8	N	7.8	Y	N
N20	2/F	22.5	70	72.4	71.8	65.6	Y	-0.6	N	6.2	Y	N
N20	3/F	25.3	70	72.9	72.4	66.4	Y	-0.5	N	6.0	Y	N
N21	1/F	20.2	70	75.6	73.9	62.2	Y	-1.7	N	11.7	Y	N
N21	2/F	23	70	76.6	75.1	64.8	Y	-1.5	N	10.3	Y	N
N22	1/F	19.6	70	73.4	73.7	58.1	Y	0.3	N	15.6	Y	N
N22	2/F	22.4	70	75.2	75.7	63.0	Y	0.5	N	12.7	Y	N
N22	3/F	25.2	70	75.8	76.3	64.3	Y	0.5	N	12.0	Y	N
N23	1/F	22.2	70	71.7	70.9	0.0	Y	-0.8	N	70.9	Y	N

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							(i) predicted overall noise level from the project must be above a specified noise level	(ii) predicted overall noise level is at least 1.0 dB(A) more than the prevailing traffic noise level		(iii) contribution to the increase in the predicted overall noise level from the road project must be at least 1.0 dB(A)		
ID	Floor	NAP Level, mPD					(i) [A] > Criteria? (Y/N)	(ii) [A] - Prevailing	> or = 1 dB(A) (Y/N)	(iii) [A] - [B]	> or = 1 dB(A) (Y/N)	
N24	1/F	22.2	70	75.1	74.6	58.3	Y	-0.5	N	16.3	Y	N
N24	2/F	25	70	76.0	75.5	61.0	Y	-0.5	N	14.5	Y	N
N24	3/F	27.8	70	76.2	75.7	61.5	Y	-0.5	N	14.2	Y	N
N25	1/F	22.9	70	75.7	75.0	46.3	Y	-0.7	N	28.7	Y	N
N25	2/F	25.7	70	76.5	75.8	46.3	Y	-0.7	N	29.5	Y	N
N25	3/F	28.5	70	76.4	75.7	46.3	Y	-0.7	N	29.4	Y	N
N26	1/F	23	70	74.1	73.4	51.3	Y	-0.7	N	22.1	Y	N
N26	2/F	25.8	70	74.8	74.1	53.8	Y	-0.7	N	20.3	Y	N
N26	3/F	28.6	70	75.1	74.4	54.3	Y	-0.7	N	20.1	Y	N
N27	1/F	23.9	70	69.7	68.6	40.8	N	-1.1	N	27.8	Y	N
N27	2/F	26.7	70	70.3	69.2	43.7	N	-1.1	N	25.5	Y	N
N27	3/F	29.5	70	70.7	69.6	45.6	N	-1.1	N	24.0	Y	N
N28	1/F	24.3	70	74.1	74.3	0.0	Y	0.2	N	74.3	Y	N
N28	2/F	27.1	70	75.1	75.2	0.0	Y	0.1	N	75.2	Y	N
N28	3/F	29.9	70	75.2	75.4	0.0	Y	0.2	N	75.4	Y	N
N29	1/F	25.3	70	71.6	70.3	22.5	N	-1.3	N	47.8	Y	N
N29	2/F	28.1	70	72.3	71.0	26.0	Y	-1.3	N	45.0	Y	N
N29	3/F	30.9	70	72.7	71.4	31.1	Y	-1.3	N	40.3	Y	N
N30	1/F	25	70	74.1	69.8	0.0	N	-4.3	N	69.8	Y	N
N30	2/F	27.8	70	75.0	70.7	0.0	Y	-4.3	N	70.7	Y	N
N31	1/F	25.6	70	72.0	69.3	0.0	N	-2.7	N	69.3	Y	N
N31	2/F	28.4	70	72.8	70.0	0.0	N	-2.8	N	70.0	Y	N
N31	3/F	31.2	70	73.1	70.4	0.0	N	-2.7	N	70.4	Y	N
N32	1/F	29.4	70	73.8	74.7	0.0	Y	0.9	N	74.7	Y	N
N32	2/F	32.2	70	74.6	75.5	0.0	Y	0.9	N	75.5	Y	N
N33	1/F	38.8	70	71.3	71.0	0.0	Y	-0.3	N	71.0	Y	N
N33	2/F	41.6	70	72.8	72.5	0.0	Y	-0.3	N	72.5	Y	N
N33	3/F	44.4	70	73.6	73.4	0.0	Y	-0.2	N	73.4	Y	N
N34	1/F	43	70	72.5	71.7	31.4	Y	-0.8	N	40.3	Y	N
N34	2/F	45.8	70	73.2	72.4	34.8	Y	-0.8	N	37.6	Y	N
N35	1/F	42.6	70	71.6	71.4	0.0	Y	-0.2	N	71.4	Y	N
N35	2/F	45.4	70	72.8	72.6	0.0	Y	-0.2	N	72.6	Y	N

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N36	1/F	47.7	70	72.5	70.9	41.6	Y	-1.6	N	29.3	Y	N
N36	2/F	50.5	70	73.2	71.7	41.7	Y	-1.5	N	30.0	Y	N
N36	3/F	53.3	70	73.6	72.2	42.0	Y	-1.4	N	30.2	Y	N
N37	1/F	47.7	70	71.7	71.9	39.4	Y	0.2	N	32.5	Y	N
N37	2/F	50.5	70	72.7	72.9	40.0	Y	0.2	N	32.9	Y	N
N37	3/F	53.3	70	73.4	73.5	40.5	Y	0.1	N	33.0	Y	N
N38	1/F	46.7	70	72.0	71.0	30.8	Y	-1.0	N	40.2	Y	N
N39	1/F	45	70	80.4	79.6	50.1	Y	-0.8	N	29.5	Y	N
N39	2/F	47.8	70	80.6	79.8	51.1	Y	-0.8	N	28.7	Y	N
N40	1/F	45.8	70	75.0	75.6	55.9	Y	0.6	N	19.7	Y	N
N40	2/F	48.6	70	76.0	76.5	55.9	Y	0.5	N	20.6	Y	N
N40	3/F	51.4	70	76.3	76.6	56.0	Y	0.3	N	20.6	Y	N
N41	1/F	47.8	70	76.2	76.1	62.0	Y	-0.1	N	14.1	Y	N
N41	2/F	50.6	70	77.0	77.0	64.3	Y	0.0	N	12.7	Y	N
N42	1/F	46.5	70	74.5	75.0	63.3	Y	0.5	N	11.7	Y	N
N42	2/F	49.3	70	75.4	76.0	63.3	Y	0.6	N	12.7	Y	N
N43	1/F	49.5	70	74.5	75.9	75.5	Y	1.4	Y	0.4	N	N
N43	2/F	52.3	70	74.5	75.8	75.3	Y	1.3	Y	0.5	N	N
N43	3/F	55.1	70	74.4	75.6	75.0	Y	1.2	Y	0.6	N	N
N44	1/F	51	70	73.5	65.3	63.7	N	-8.2	N	1.6	Y	N
N44	2/F	53.8	70	74.2	65.7	63.7	N	-8.5	N	2.0	Y	N
N44	3/F	56.6	70	74.4	66.8	63.9	N	-7.6	N	2.9	Y	N

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N45	1/F	52.4	70	72.1	64.7	61.8	N	-7.4	N	2.9	Y	N
N45	2/F	55.2	70	72.9	65.2	61.8	N	-7.7	N	3.4	Y	N
N45	3/F	58	70	73.3	66.0	61.8	N	-7.3	N	4.2	Y	N
N46	1/F	56.4	70	72.8	73.7	72.5	Y	0.9	N	1.2	Y	N
N46	2/F	59.2	70	72.9	73.7	72.4	Y	0.8	N	1.3	Y	N
N46	3/F	62	70	72.7	73.6	72.0	Y	0.9	N	1.6	Y	N
N47	1/F	59.9	70	65.5	66.9	66.6	N	1.4	Y	0.3	N	N
N47	4/F	68.3	70	67.0	68.4	67.6	N	1.4	Y	0.8	N	N
N47	7/F	76.7	70	67.7	69.1	67.8	N	1.4	Y	1.3	Y	N
N48	1/F	71.4	70	64.6	66.2	64.6	N	1.6	Y	1.6	Y	N
N48	2/F	74.2	70	64.9	66.5	64.6	N	1.6	Y	1.9	Y	N
N49	1/F	53.1	70	64.1	65.7	50.0	N	1.6	Y	15.7	Y	N
N50	1/F	63.2	70	66.0	67.7	41.5	N	1.7	Y	26.2	Y	N
N51	1/F	71.5	70	68.1	69.7	53.4	N	1.6	Y	16.3	Y	N
N52	1/F	84.1	70	64.8	66.8	0.0	N	2.0	Y	66.8	Y	N
N52	2/F	86.9	70	66.7	68.7	0.0	N	2.0	Y	68.7	Y	N
N53	1/F	102.5	70	66.5	67.9	0.0	N	1.4	Y	67.9	Y	N
N54	1/F	135.7	70	68.4	68.5	29.7	N	0.1	N	38.8	Y	N
N54	2/F	138.5	70	70.3	70.3	30.3	N	0.0	N	40.0	Y	N
N55	1/F	151.6	70	73.5	70.3	33.5	N	-3.2	N	36.8	Y	N
N56	1/F	171.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N57	1/F	158.7	70	71.9	73.5	73.5	Y	1.6	Y	0.0	N	N

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P01	1/F	9	70	78.0	79.6	79.5	N/A	N/A	N/A	N/A	N/A	N/A
P01	2/F	11.8	70	78.4	80.0	79.9	N/A	N/A	N/A	N/A	N/A	N/A
P01	3/F	14.6	70	78.3	79.9	79.8	N/A	N/A	N/A	N/A	N/A	N/A
P02	1/F	8	70	66.1	67.6	67.6	N/A	N/A	N/A	N/A	N/A	N/A
P02	2/F	10.8	70	68.8	70.3	70.2	N/A	N/A	N/A	N/A	N/A	N/A
P02	3/F	13.6	70	73.4	74.9	74.7	N/A	N/A	N/A	N/A	N/A	N/A
P03	1/F	9.1	70	76.8	78.5	78.3	N/A	N/A	N/A	N/A	N/A	N/A
P03	2/F	12.1	70	76.8	78.5	78.3	N/A	N/A	N/A	N/A	N/A	N/A
P04	1/F	8.8	70	78.1	79.7	79.7	N/A	N/A	N/A	N/A	N/A	N/A
P04	2/F	11.6	70	78.0	79.6	79.6	N/A	N/A	N/A	N/A	N/A	N/A
P04	3/F	14.4	70	77.8	79.4	79.4	N/A	N/A	N/A	N/A	N/A	N/A
P05	1/F	9.4	70	80.7	79.7	66.7	N/A	N/A	N/A	N/A	N/A	N/A
P05	2/F	12.2	70	80.7	80.0	67.7	N/A	N/A	N/A	N/A	N/A	N/A
P05	3/F	15	70	80.0	79.4	67.7	N/A	N/A	N/A	N/A	N/A	N/A
P06	1/F	11.1	70	80.7	79.6	57.9	N/A	N/A	N/A	N/A	N/A	N/A
P06	2/F	14.1	70	81.0	79.9	58.0	N/A	N/A	N/A	N/A	N/A	N/A
P07	1/F	10.3	70	72.3	74.1	58.0	N/A	N/A	N/A	N/A	N/A	N/A
P07	2/F	13.3	70	73.9	75.7	58.0	N/A	N/A	N/A	N/A	N/A	N/A
P07	3/F	16.3	70	74.7	76.4	58.0	N/A	N/A	N/A	N/A	N/A	N/A
P08	1/F	24	70	77.8	79.1	0.0	N/A	N/A	N/A	N/A	N/A	N/A
P08	2/F	26.8	70	78.5	79.8	0.0	N/A	N/A	N/A	N/A	N/A	N/A
P08	3/F	29.6	70	78.1	79.4	0.0	N/A	N/A	N/A	N/A	N/A	N/A
P09	1/F	26.7	70	80.6	79.5	46.8	N/A	N/A	N/A	N/A	N/A	N/A
P09	2/F	29.5	70	80.8	79.8	46.8	N/A	N/A	N/A	N/A	N/A	N/A
P09	3/F	32.3	70	80.2	79.2	46.8	N/A	N/A	N/A	N/A	N/A	N/A
P10	1/F	30.6	70	77.8	79.2	45.6	N/A	N/A	N/A	N/A	N/A	N/A
P10	2/F	33.4	70	78.4	79.8	45.6	N/A	N/A	N/A	N/A	N/A	N/A
P10	3/F	36.2	70	78.2	79.5	45.6	N/A	N/A	N/A	N/A	N/A	N/A
P11	1/F	32.9	70	80.5	81.9	45.1	N/A	N/A	N/A	N/A	N/A	N/A
P11	2/F	35.9	70	80.1	81.6	45.1	N/A	N/A	N/A	N/A	N/A	N/A
P12	1/F	53.9	70	77.9	77.5	44.0	N/A	N/A	N/A	N/A	N/A	N/A
P12	2/F	56.9	70	77.6	77.2	44.2	N/A	N/A	N/A	N/A	N/A	N/A
P13	1/F	47.4	70	80.3	79.5	65.4	N/A	N/A	N/A	N/A	N/A	N/A
P13	2/F	50.2	70	80.7	79.9	65.5	N/A	N/A	N/A	N/A	N/A	N/A
P13	3/F	53	70	79.9	79.2	65.5	N/A	N/A	N/A	N/A	N/A	N/A
P14	1/F	51.9	70	80.5	64.5	60.6	N/A	N/A	N/A	N/A	N/A	N/A
P14	2/F	54.7	70	80.6	68.2	60.8	N/A	N/A	N/A	N/A	N/A	N/A
P14	3/F	57.5	70	79.9	77.0	61.5	N/A	N/A	N/A	N/A	N/A	N/A

Remarks:
 (*) Eligibility test for indirect noise mitigation measures is considered not applicable to planned NSRs.