



ANNEX E3

NOISE MONITORING RESULTS

Annex E3 - Monitoring Results for Noise

Noise Monitoring Data at Station CM1 (for Works Contract No. ND/2024/09)

Date and Time	L _{eq} (5 min)	L ₁₀	L ₉₀	Correction	L _{eq} (30 min)
2025-12-02 15:13	72.4	62.9	72.7	3	71.3
2025-12-02 15:18	70.8	62.2	74.2	3	
2025-12-02 15:23	70.5	62.5	72.5	3	
2025-12-02 15:28	72.4	65.5	76.2	3	
2025-12-02 15:33	71.5	63.8	74.7	3	
2025-12-02 15:38	69.4	62.3	72.2	3	
2025-12-08 15:10	72.1	63.8	76.4	3	70.2
2025-12-08 15:15	68.7	62.8	72.1	3	
2025-12-08 15:20	70.3	62.9	74.1	3	
2025-12-08 15:25	70.8	62.9	74.2	3	
2025-12-08 15:30	68.7	62.9	72.2	3	
2025-12-08 15:35	69.8	61.2	73.4	3	
2025-12-16 10:21	68.7	63.2	71.9	3	69.9
2025-12-16 10:26	70.0	62.9	73.1	3	
2025-12-16 10:31	71.1	63.0	74.7	3	
2025-12-16 10:36	68.6	62.4	72.3	3	
2025-12-16 10:41	70.4	62.8	73.2	3	
2025-12-16 10:46	70.0	63.3	73.2	3	
2025-12-22 15:12	68.0	62.5	71.3	3	69.6
2025-12-22 15:17	69.9	63.9	73.4	3	
2025-12-22 15:22	69.6	62.3	72.7	3	
2025-12-22 15:27	70.7	63.7	73.4	3	
2025-12-22 15:32	70.6	63.2	73.9	3	
2025-12-22 15:37	68.0	62.8	71.4	3	
2025-12-30 10:22	70.0	63.6	73.4	3	70.2
2025-12-30 10:27	71.4	62.6	74.9	3	
2025-12-30 10:32	69.6	63.4	72.5	3	
2025-12-30 10:37	69.8	62.7	71.4	3	
2025-12-30 10:42	70.3	63.4	74.1	3	
2025-12-30 10:47	70.1	63.0	73.2	3	

Note: A correction of +3 dB(A) was made to the free field measurements.

Noise Monitoring Data at Station CM3 (for Works Contract No. ND/2024/09)

Date and Time	L _{eq} (5 min)	L ₁₀	L ₉₀	Correction	L _{eq} (30 min)
2025-12-02 15:50	51.0	42.7	54.7	3	49.7
2025-12-02 15:55	47.9	42.9	49.8	3	
2025-12-02 16:00	48.5	43.2	51.6	3	
2025-12-02 16:05	48.5	42.3	51.8	3	
2025-12-02 16:10	50.2	42.7	53.7	3	
2025-12-02 16:15	50.8	42.7	55.0	3	
2025-12-08 15:48	48.8	49.7	44.6	3	48.6
2025-12-08 15:53	47.3	48.1	45.2	3	
2025-12-08 15:58	47.3	48.3	46.1	3	
2025-12-08 16:03	49.8	52.7	46.1	3	
2025-12-08 16:08	49.5	52.1	46.4	3	
2025-12-08 16:13	48.5	49.8	45.8	3	
2025-12-16 10:57	48.3	49.2	46.4	3	49.8
2025-12-16 11:02	47.6	48.9	46.1	3	
2025-12-16 11:07	48.6	49.8	46.4	3	
2025-12-16 11:12	50.2	51.6	49.0	3	
2025-12-16 11:17	51.6	53.5	49.0	3	
2025-12-16 11:22	51.1	52.6	49.1	3	
2025-12-22 15:50	50.6	45.0	51.3	3	49.1
2025-12-22 15:55	47.7	42.0	50.3	3	
2025-12-22 16:00	48.8	44.3	52.1	3	
2025-12-22 16:05	50.7	42.3	51.9	3	
2025-12-22 16:10	48.9	42.5	49.8	3	
2025-12-22 16:15	46.1	43.4	47.0	3	
2025-12-30 11:00	46.6	43.0	49.4	3	46.7
2025-12-30 11:05	46.0	42.3	47.8	3	
2025-12-30 11:10	45.6	42.9	46.8	3	
2025-12-30 11:15	46.3	43.8	46.7	3	
2025-12-30 11:20	46.9	43.8	49.2	3	
2025-12-30 11:25	48.2	44.0	49.0	3	

Note: A correction of +3 dB(A) was made to the free field measurements.

Noise Monitoring Data at Station CM4 (for Works Contract No. ND/2024/09)

Date and Time	L _{eq} (5 min)	L ₁₀	L ₉₀	Correction	L _{eq} (30 min)
2025-12-02 16:27	43.1	40.7	44.6	0	41.8
2025-12-02 16:32	41.5	39.7	42.9	0	
2025-12-02 16:37	42.4	39.4	43.8	0	
2025-12-02 16:42	40.7	38.1	42.9	0	
2025-12-02 16:47	40.9	38.8	42.1	0	
2025-12-02 16:52	41.9	39.2	44.9	0	
2025-12-08 16:26	47.0	48.7	44.8	0	49.1
2025-12-08 16:31	47.8	49.4	45.4	0	
2025-12-08 16:36	50.0	51.1	47.9	0	
2025-12-08 16:41	49.4	50.5	48.0	0	
2025-12-08 16:46	50.5	51.0	48.2	0	
2025-12-08 16:51	48.7	49.8	47.1	0	
2025-12-16 11:35	45.5	42.3	46.9	0	43.3
2025-12-16 11:40	43.4	41.9	44.7	0	
2025-12-16 11:45	42.9	41.6	44.4	0	
2025-12-16 11:50	42.7	41.1	44.5	0	
2025-12-16 11:55	41.9	39.5	43.8	0	
2025-12-16 12:00	42.1	40.4	43.3	0	
2025-12-22 16:29	42.6	37.9	45.6	0	41.9
2025-12-22 16:34	41.2	39.3	42.5	0	
2025-12-22 16:39	40.4	37.5	41.7	0	
2025-12-22 16:44	42.1	38.9	43.9	0	
2025-12-22 16:49	40.5	39.0	41.6	0	
2025-12-22 16:54	43.5	38.3	45.5	0	
2025-12-30 11:37	40.5	39.0	41.6	0	41.8
2025-12-30 11:42	40.8	39.6	41.8	0	
2025-12-30 11:47	41.1	39.4	42.4	0	
2025-12-30 11:52	42.4	40.4	44.3	0	
2025-12-30 11:57	43.5	39.3	45.2	0	
2025-12-30 12:02	42.0	40.0	43.7	0	

Noise Monitoring Data at Station CM9 (for Works Contract No. ND/2024/10)

Date and Time	L _{eq} (5 min)	L ₁₀	L ₉₀	Correction	L _{eq} (30 min)
2025-12-02 13:15	65.0	56.2	67.5	3	64.0
2025-12-02 13:20	62.9	55.8	65.6	3	
2025-12-02 13:25	61.0	54.9	62.5	3	
2025-12-02 13:30	66.0	55.2	67.8	3	
2025-12-02 13:35	63.4	55.2	66.3	3	
2025-12-02 13:40	63.9	56.3	66.1	3	
2025-12-08 13:06	63.9	65.8	55.4	3	65.1
2025-12-08 13:11	61.5	64.5	56.2	3	
2025-12-08 13:16	64.3	65.9	57.9	3	
2025-12-08 13:21	67.4	67.7	56.6	3	
2025-12-08 13:26	64.1	67.3	57.5	3	
2025-12-08 13:31	66.9	69.4	57.3	3	
2025-12-16 08:25	63.5	58.2	66.8	3	64.3
2025-12-16 08:30	66.7	57.3	68.8	3	
2025-12-16 08:35	66.2	57.7	68.0	3	
2025-12-16 08:40	62.5	57.3	65.5	3	
2025-12-16 08:45	61.9	56.2	64.5	3	
2025-12-16 08:50	62.4	55.7	64.1	3	
2025-12-22 13:08	64.8	58.1	67.3	3	64.6
2025-12-22 13:13	65.2	57.7	68.9	3	
2025-12-22 13:18	65.2	55.6	67.1	3	
2025-12-22 13:23	63.6	55.9	66.5	3	
2025-12-22 13:28	63.1	57.1	65.6	3	
2025-12-22 13:33	65.3	56.2	67.6	3	
2025-12-30 08:15	65.5	55.8	66.3	3	64.3
2025-12-30 08:20	64.0	55.0	68.1	3	
2025-12-30 08:25	64.6	56.1	67.2	3	
2025-12-30 08:30	63.4	55.6	66.4	3	
2025-12-30 08:35	63.6	55.5	66.0	3	
2025-12-30 08:40	64.3	54.5	66.1	3	

Note: A correction of +3 dB(A) was made to the free field measurements.

Noise Monitoring Data at Station CM10 (for Works Contract No. ND/2024/10)

Date and Time	L _{eq} (5 min)	L ₁₀	L ₉₀	Correction	L _{eq} (30 min)
2025-12-02 13:53	61.3	56.0	62.7	3	58.6
2025-12-02 13:58	58.7	56.6	59.7	3	
2025-12-02 14:03	57.7	55.8	58.6	3	
2025-12-02 14:08	59.5	55.8	60.6	3	
2025-12-02 14:13	58.6	56.0	61.3	3	
2025-12-02 14:18	40.3	57.7	60.7	3	
2025-12-08 13:46	54.9	50.0	58.3	3	58.0
2025-12-08 13:51	54.5	50.5	55.1	3	
2025-12-08 13:56	60.0	50.2	61.0	3	
2025-12-08 14:01	57.8	51.5	61.3	3	
2025-12-08 14:06	60.3	51.5	64.0	3	
2025-12-08 14:11	57.5	50.6	62.1	3	
2025-12-16 09:02	57.3	54.7	58.9	3	58.8
2025-12-16 09:07	57.0	55.2	58.1	3	
2025-12-16 09:12	61.2	55.4	62.0	3	
2025-12-16 09:17	58.2	56.2	59.2	3	
2025-12-16 09:22	59.6	57.2	59.9	3	
2025-12-16 09:27	57.6	55.8	58.8	3	
2025-12-22 13:47	60.2	55.9	62.6	3	59.7
2025-12-22 13:52	59.8	56.5	61.6	3	
2025-12-22 13:57	58.9	56.5	60.1	3	
2025-12-22 14:02	58.6	55.0	60.2	3	
2025-12-22 14:07	58.9	56.4	59.9	3	
2025-12-22 14:12	61.4	55.8	59.7	3	
2025-12-30 08:57	58.1	54.9	60.5	3	58.0
2025-12-30 09:02	57.9	54.9	59.3	3	
2025-12-30 09:07	56.7	54.5	58.5	3	
2025-12-30 09:12	58.0	55.3	60.1	3	
2025-12-30 09:17	59.3	53.5	61.2	3	
2025-12-30 09:22	57.5	53.1	60.3	3	

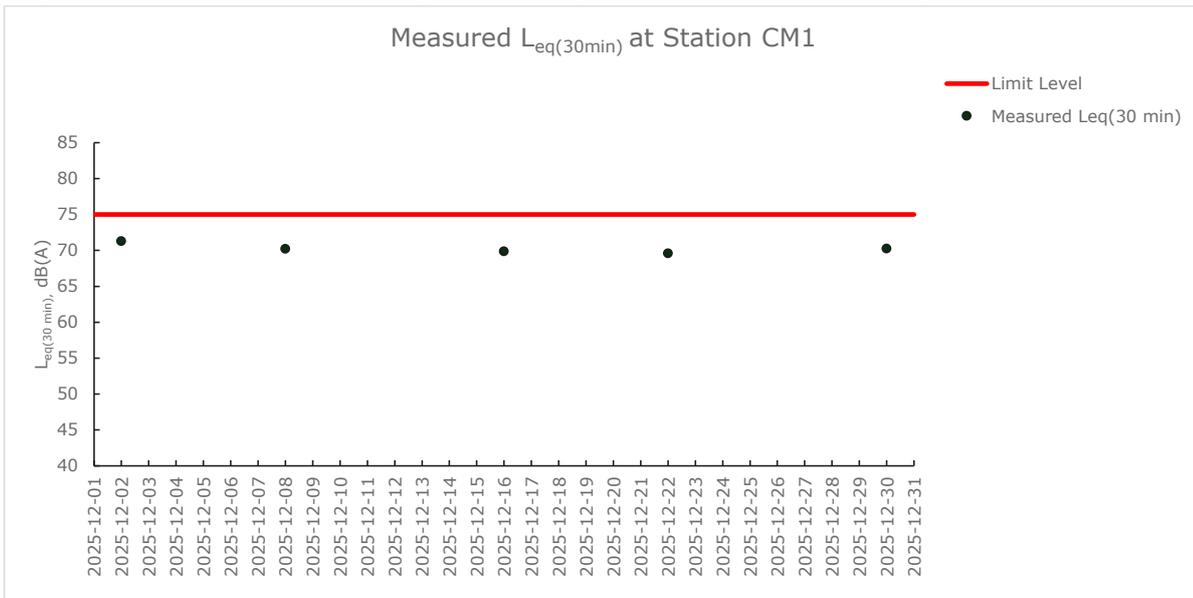
Note: A correction of +3 dB(A) was made to the free field measurements.

Noise Monitoring Data at Station CM11 (for Works Contract No. ND/2024/10)

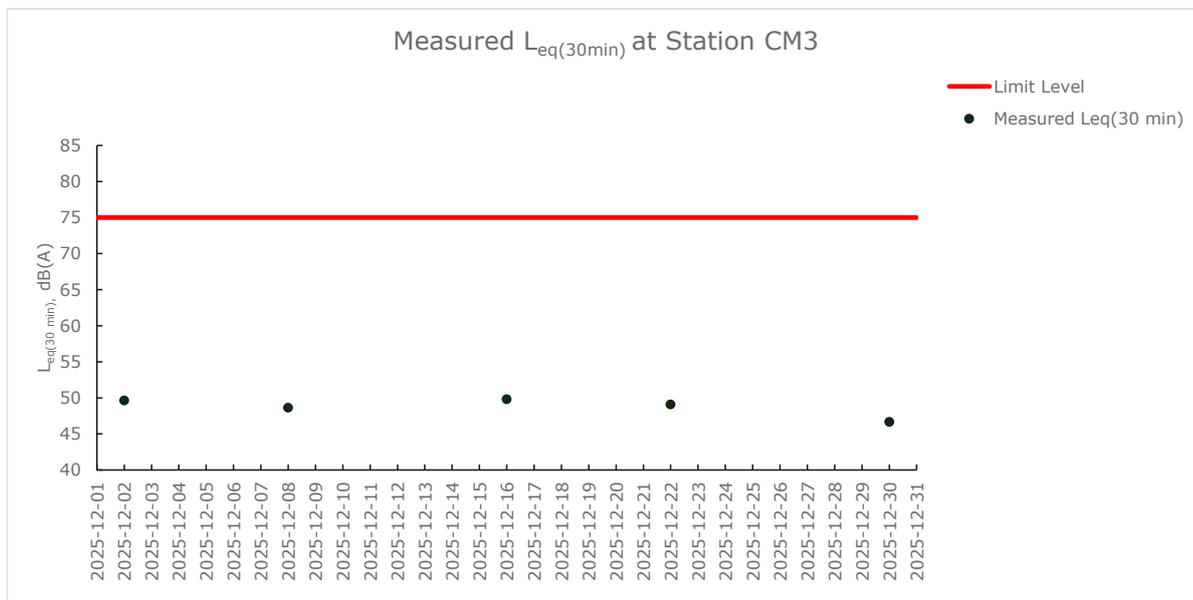
Date and Time	L _{eq} (5 min)	L ₁₀	L ₉₀	Correction	L _{eq} (30 min)
2025-12-02 14:30	55.7	54.2	57.2	3	56.1
2025-12-02 14:35	56.1	53.6	58.0	3	
2025-12-02 14:40	56.7	53.9	58.2	3	
2025-12-02 14:45	56.2	54.1	57.5	3	
2025-12-02 14:50	56.1	53.9	57.5	3	
2025-12-02 14:55	56.0	53.9	57.1	3	
2025-12-08 14:23	54.1	49.3	57.8	3	54.0
2025-12-08 14:28	55.7	48.7	59.5	3	
2025-12-08 14:33	54.2	47.6	57.1	3	
2025-12-08 14:38	54.8	46.7	59.0	3	
2025-12-08 14:43	51.7	47.7	54.4	3	
2025-12-08 14:48	52.3	48.2	54.9	3	
2025-12-16 09:41	55.0	51.6	57.1	3	54.0
2025-12-16 09:46	53.2	51.3	54.7	3	
2025-12-16 09:51	54.5	52.8	55.6	3	
2025-12-16 09:56	53.9	51.8	55.2	3	
2025-12-16 10:01	53.6	51.0	55.4	3	
2025-12-16 10:06	53.2	51.3	54.9	3	
2025-12-22 14:25	54.2	51.1	56.6	3	52.6
2025-12-22 14:30	52.7	50.3	54.3	3	
2025-12-22 14:35	53.0	51.1	54.5	3	
2025-12-22 14:40	52.5	50.7	54.1	3	
2025-12-22 14:45	51.8	50.2	53.3	3	
2025-12-22 14:50	50.1	48.0	52.9	3	
2025-12-30 09:35	55.8	51.8	57.4	3	54.6
2025-12-30 09:40	53.2	50.9	55.0	3	
2025-12-30 09:45	54.4	50.1	56.8	3	
2025-12-30 09:50	53.9	50.2	56.0	3	
2025-12-30 09:55	55.2	50.1	57.4	3	
2025-12-30 10:00	54.7	51.3	56.8	3	

Note: A correction of +3 dB(A) was made to the free field measurements.

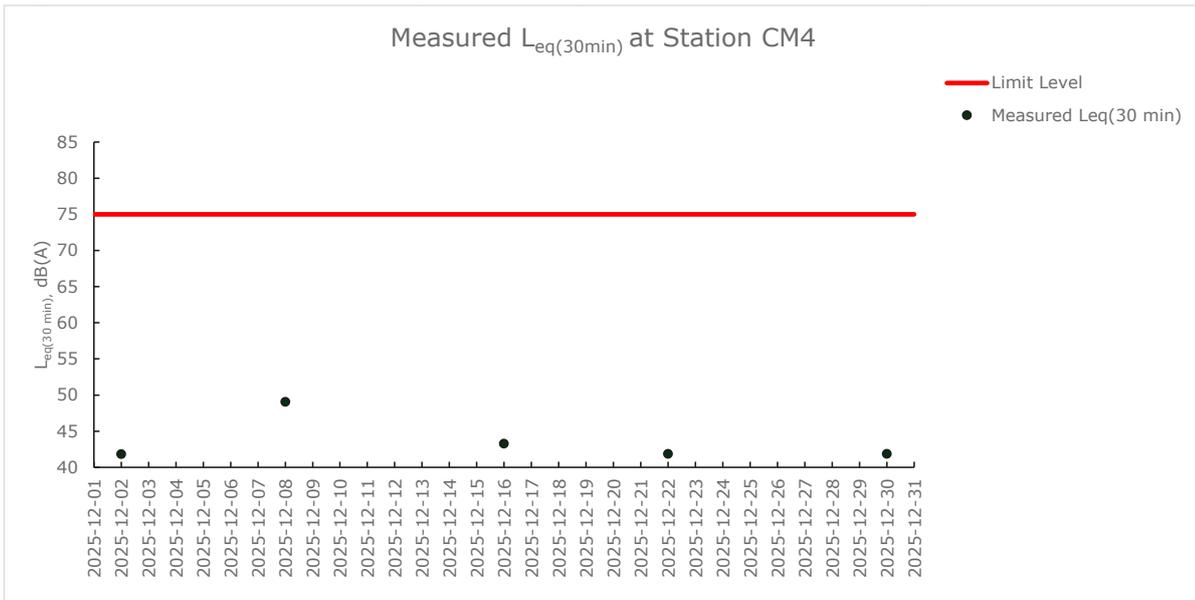
Graphical Presentation For Noise Monitoring at Station CM1 (for Works Contract No. ND/2024/09)



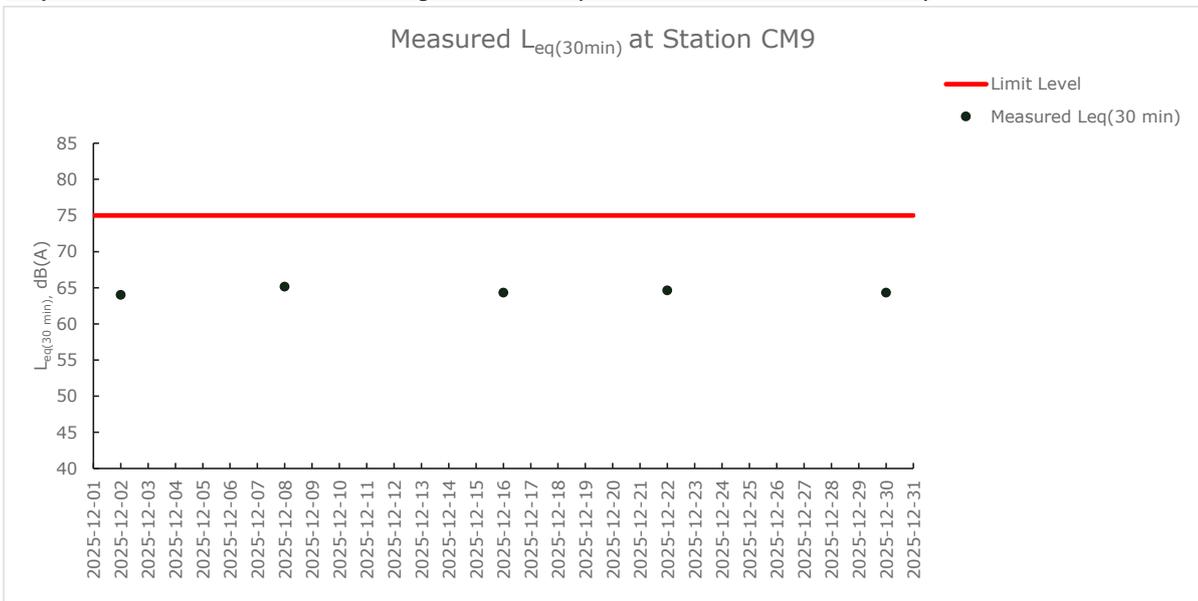
Graphical Presentation For Noise Monitoring at Station CM3 (for Works Contract No. ND/2024/09)



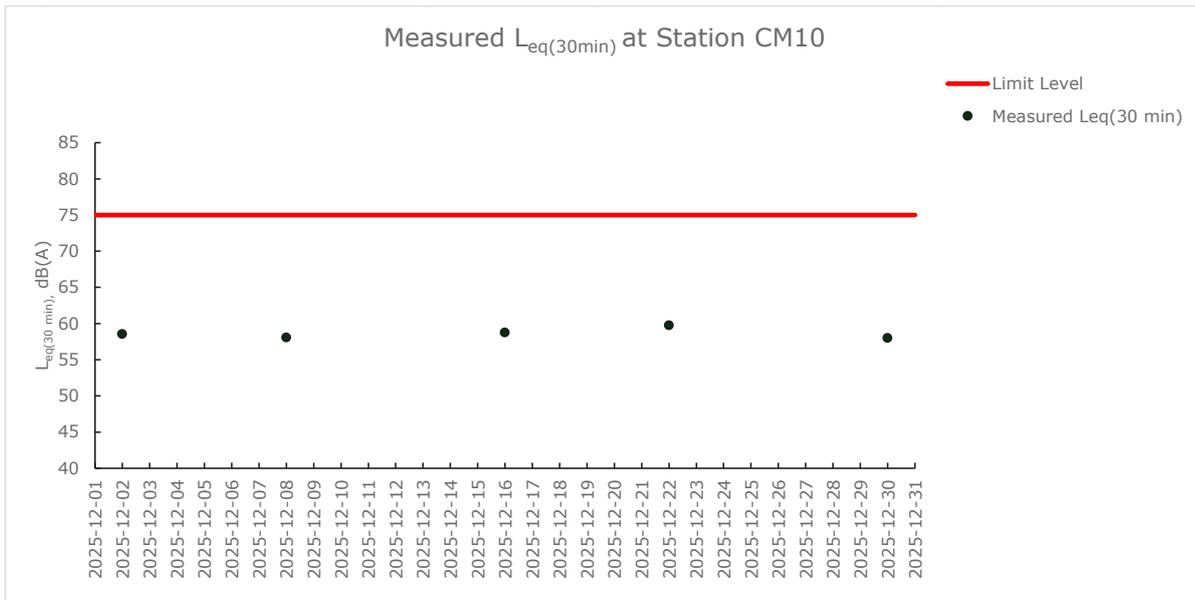
Graphical Presentation For Noise Monitoring at Station CM4 (for Works Contract No. ND/2024/09)



Graphical Presentation For Noise Monitoring at Station CM9 (for Works Contract No. ND/2024/10)



Graphical Presentation For Noise Monitoring at Station CM10 (for Works Contract No. ND/2024/10)



Graphical Presentation For Noise Monitoring at Station CM11 (for Works Contract No. ND/2024/10)

