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}	$L_{eq(30\ min)}$
2025-10-08 10:30	70.0	72.5	61.1	69.4
2025-10-08 10:35	71.4	75.2	62.1	
2025-10-08 10:40	68.7	70.9	61.8	
2025-10-08 10:45	68.3	71.5	62.0	
2025-10-08 10:50	69.4	72.7	61.9	
2025-10-08 10:55	67.2	70.0	62.2	
2025-10-14 10:57	67.2	70.7	60.7	68.6
2025-10-14 11:02	67.9	71.5	61.5	
2025-10-14 11:07	68.9	72.2	62.0	
2025-10-14 11:12	69.7	72.6	61.1	
2025-10-14 11:17	67.5	70.7	61.4	
2025-10-14 11:22	69.8	72.4	62.0	
2025-10-21 10:55	70.6	74.0	63.0	70.6
2025-10-21 11:00	71.0	73.4	62.2	
2025-10-21 11:05	68.9	71.9	61.7	
2025-10-21 11:10	70.9	73.6	61.9	
2025-10-21 11:15	71.0	73.5	62.6	
2025-10-21 11:20	70.7	73.4	62.6	
2025-10-28 09:29	69.9	72.4	62.9	69.7
2025-10-28 09:34	68.8	72.4	63.0	
2025-10-28 09:39	70.4	73.0	62.6	
2025-10-28 09:44	68.6	71.9	61.4	
2025-10-28 09:49	70.7	74.6	62.5	
2025-10-28 09:54	69.4	72.9	63.0	

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}	$L_{eq(30\ min)}$
2025-10-08 10:36	53.3	54.3	46.2	54.8
2025-10-08 10:41	55.0	57.9	47.4	
2025-10-08 10:46	54.8	57.5	49.3	
2025-10-08 10:51	56.3	57.4	47.2	
2025-10-08 10:56	54.6	55.8	46.9	
2025-10-08 11:01	53.9	55.1	45.9	
2025-10-14 11:33	51.3	52.8	46.4	53.6
2025-10-14 11:38	51.8	52.8	45.7	
2025-10-14 11:43	51.8	54.7	46.0	
2025-10-14 11:48	54.9	56.9	48.0	
2025-10-14 11:53	55.7	57.5	49.2	
2025-10-14 11:58	54.3	58.2	46.6	
2025-10-21 11:02	53.7	54.7	51.5	54.0
2025-10-21 11:07	54.2	55.5	51.2	
2025-10-21 11:12	53.6	55.0	52.0	
2025-10-21 11:17	54.1	55.9	52.0	
2025-10-21 11:22	54.2	55.7	52.2	
2025-10-21 11:27	53.9	54.8	51.9	
2025-10-28 10:07	50.4	52.2	46.9	49.3
2025-10-28 10:12	48.1	49.5	46.5	
2025-10-28 10:17	49.2	50.6	47.1	
2025-10-28 10:22	48.8	50.1	46.9	
2025-10-28 10:27	49.9	51.3	46.2	
2025-10-28 10:32	49.2	50.1	45.8	

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}	$L_{eq(30\ min)}$
2025-10-08 11:09	43.5	45.0	37.9	41.7
2025-10-08 11:14	43.2	44.8	40.4	
2025-10-08 11:19	41.5	42.6	39.7	
2025-10-08 11:24	39.5	41.5	36.9	
2025-10-08 11:29	40.2	41.4	37.8	
2025-10-08 11:34	41.0	42.6	38.6	
2025-10-14 13:08	45.9	46.6	39.9	45.5
2025-10-14 13:13	40.8	42.2	38.4	
2025-10-14 13:18	44.6	48.0	39.1	
2025-10-14 13:23	45.6	47.8	40.0	
2025-10-14 13:28	47.9	50.3	38.2	
2025-10-14 13:33	45.7	47.2	38.8	
2025-10-21 11:42	50.4	51.6	49.0	50.2
2025-10-21 11:47	49.3	50.4	48.0	
2025-10-21 11:52	48.8	50.0	47.4	
2025-10-21 11:57	49.7	50.9	48.3	
2025-10-21 12:02	51.3	52.4	49.9	
2025-10-21 12:07	51.0	52.7	48.8	
2025-10-28 10:45	47.1	48.6	45.3	46.8
2025-10-28 10:50	47.9	49.4	44.8	
2025-10-28 10:55	46.4	47.5	45.0	
2025-10-28 11:00	46.6	47.9	45.2	
2025-10-28 11:05	46.7	48.2	45.0	
2025-10-28 11:10	45.6	46.6	44.3	

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

Date and Time	$L_{eq(5\ min)}$	L_{10}	L_{90}	$L_{eq(30\ min)}$
2025-10-06 14:40	66.6	67.0	58.0	64.1
2025-10-06 14:45	65.1	67.0	58.4	
2025-10-06 14:50	64.3	66.7	56.8	
2025-10-06 14:55	61.9	64.8	56.5	
2025-10-06 15:00	61.2	64.0	56.2	
2025-10-06 15:05	63.0	65.1	55.9	
2025-10-13 10:35	66.3	68.5	58.0	65.2
2025-10-13 10:40	63.6	65.9	57.8	
2025-10-13 10:45	63.3	66.4	57.9	
2025-10-13 10:50	64.7	68.0	57.9	
2025-10-13 10:55	65.4	68.2	58.5	
2025-10-13 11:00	66.8	69.1	59.5	
2025-10-20 13:07	64.7	66.3	58.2	64.1
2025-10-20 13:12	64.4	66.4	58.2	
2025-10-20 13:17	64.5	66.3	59.0	
2025-10-20 13:22	62.0	64.5	57.6	
2025-10-20 13:27	65.2	66.3	57.3	
2025-10-20 13:32	63.3	65.5	57.7	
2025-10-27 14:40	65.3	66.8	56.7	65.4
2025-10-27 14:45	67.1	68.2	57.8	
2025-10-27 14:50	65.8	67.5	56.9	
2025-10-27 14:55	65.0	67.3	58.9	
2025-10-27 15:00	64.4	66.2	57.3	
2025-10-27 15:05	63.9	66.7	56.5	

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}	$L_{eq(30\ min)}$
2025-10-06 13:25	62.6	63.9	55.2	60.4
2025-10-06 13:30	58.9	60.3	53.3	
2025-10-06 13:35	60.6	62.3	56.6	
2025-10-06 13:40	59.6	61.3	57.6	
2025-10-06 13:45	57.5	58.6	55.7	
2025-10-06 13:50	61.2	62.2	56.6	
2025-10-13 11:16	58.1	60.2	52.4	57.9
2025-10-13 11:21	56.8	58.4	52.8	
2025-10-13 11:26	58.8	59.2	53.6	
2025-10-13 11:31	58.6	60.6	54.2	
2025-10-13 11:36	57.2	58.1	54.5	
2025-10-13 11:41	57.8	59.9	54.0	
2025-10-20 11:10	58.4	60.2	51.6	55.9
2025-10-20 11:15	53.3	54.0	51.1	
2025-10-20 11:20	56.4	58.3	52.4	
2025-10-20 11:25	55.8	57.1	52.3	
2025-10-20 11:30	54.7	55.7	51.9	
2025-10-20 11:35	55.0	56.6	51.1	
2025-10-27 13:55	53.4	56.4	48.9	54.2
2025-10-27 14:00	54.1	54.9	49.1	
2025-10-27 14:05	50.1	50.8	48.4	
2025-10-27 14:10	55.4	56.5	49.2	
2025-10-27 14:15	55.8	56.7	49.7	
2025-10-27 14:20	54.5	55.0	49.7	

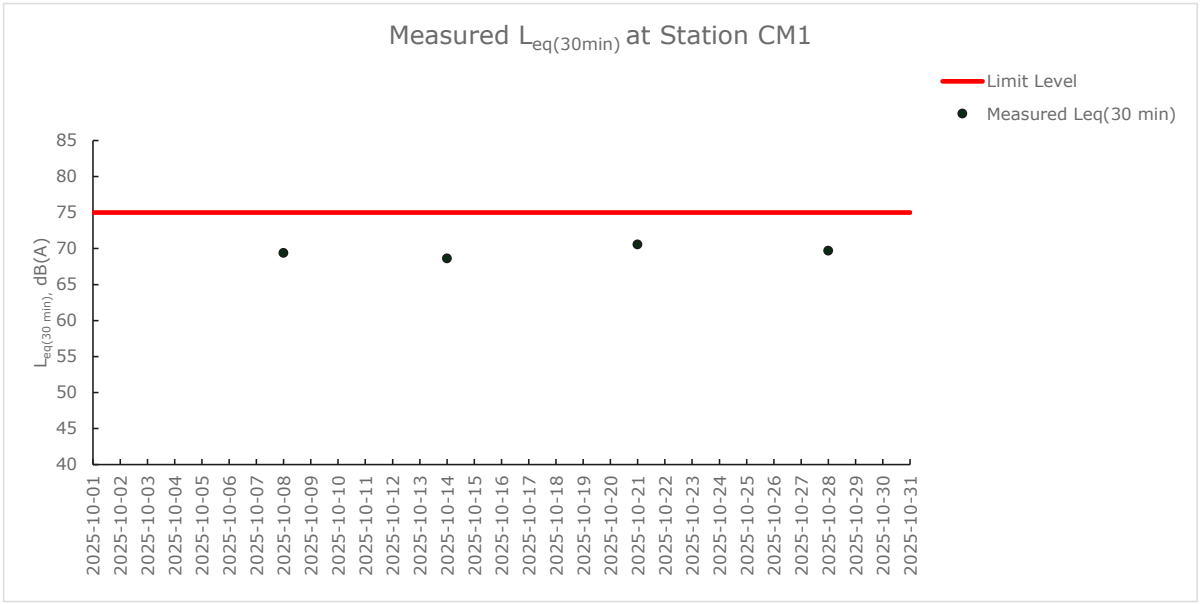
Note: A correction of +3 dB(A) was made to the free field measurements.

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

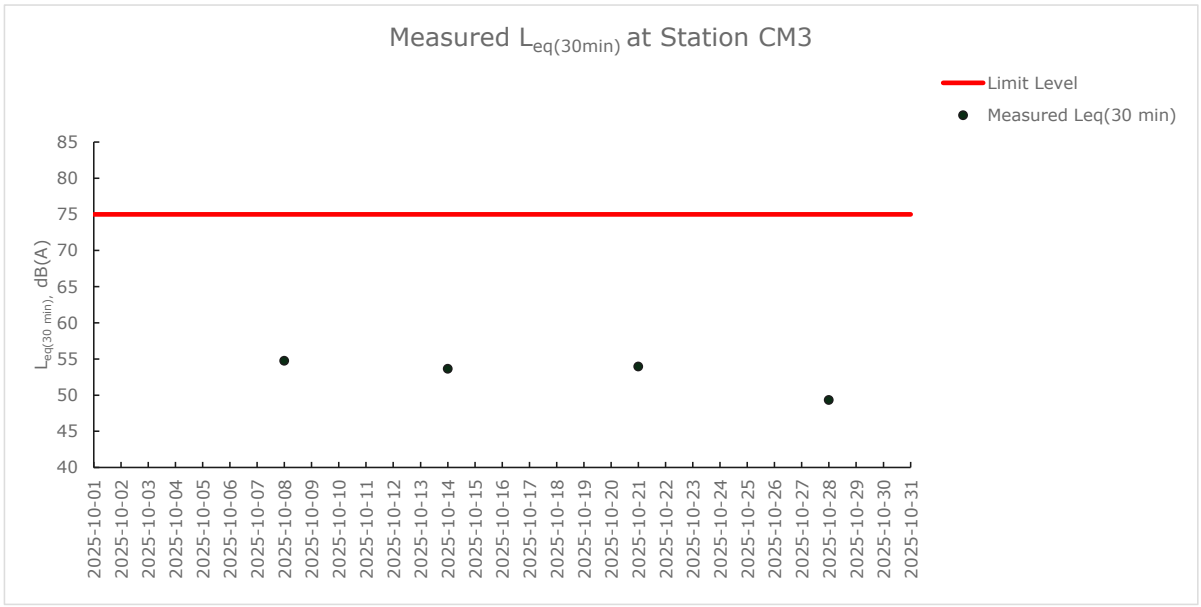
Date and Time	$L_{eq(5\ min)}$	L_{10}	L_{90}	$L_{eq(30\ min)}$
2025-10-06 14:02	54.1	54.9	51.4	54.4
2025-10-06 14:07	54.1	56.3	51.7	
2025-10-06 14:12	54.3	56.9	51.6	
2025-10-06 14:17	54.7	56.2	52.3	
2025-10-06 14:22	54.5	55.7	52.9	
2025-10-06 14:27	54.7	56.4	52.6	
2025-10-13 13:07	51.0	52.8	48.4	52.5
2025-10-13 13:12	51.4	53.9	48.2	
2025-10-13 13:17	54.9	56.4	49.1	
2025-10-13 13:22	51.8	53.0	49.3	
2025-10-13 13:27	52.1	54.7	49.1	
2025-10-13 13:32	52.4	54.2	49.5	
2025-10-20 11:16	53.0	55.0	49.4	52.6
2025-10-20 11:21	50.7	51.9	49.0	
2025-10-20 11:26	52.1	54.6	49.1	
2025-10-20 11:31	51.5	53.9	48.5	
2025-10-20 11:36	54.0	56.8	48.7	
2025-10-20 11:41	53.5	55.3	49.3	
2025-10-27 14:03	51.9	53.0	46.2	53.1
2025-10-27 14:08	53.2	55.4	48.8	
2025-10-27 14:13	52.1	55.0	47.9	
2025-10-27 14:18	53.1	55.1	48.8	
2025-10-27 14:23	53.9	55.2	48.5	
2025-10-27 14:28	54.0	56.3	48.3	

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

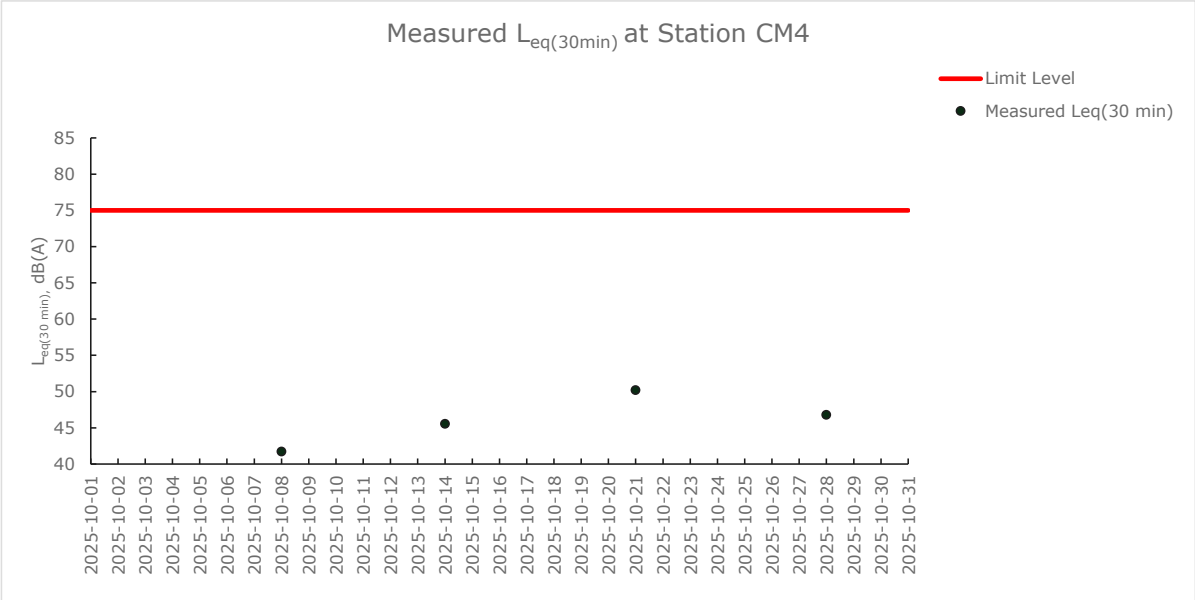
Graphical Presentation For Noise Monitoring at Station CM1 (for Works Contract No. ND/2024/09)



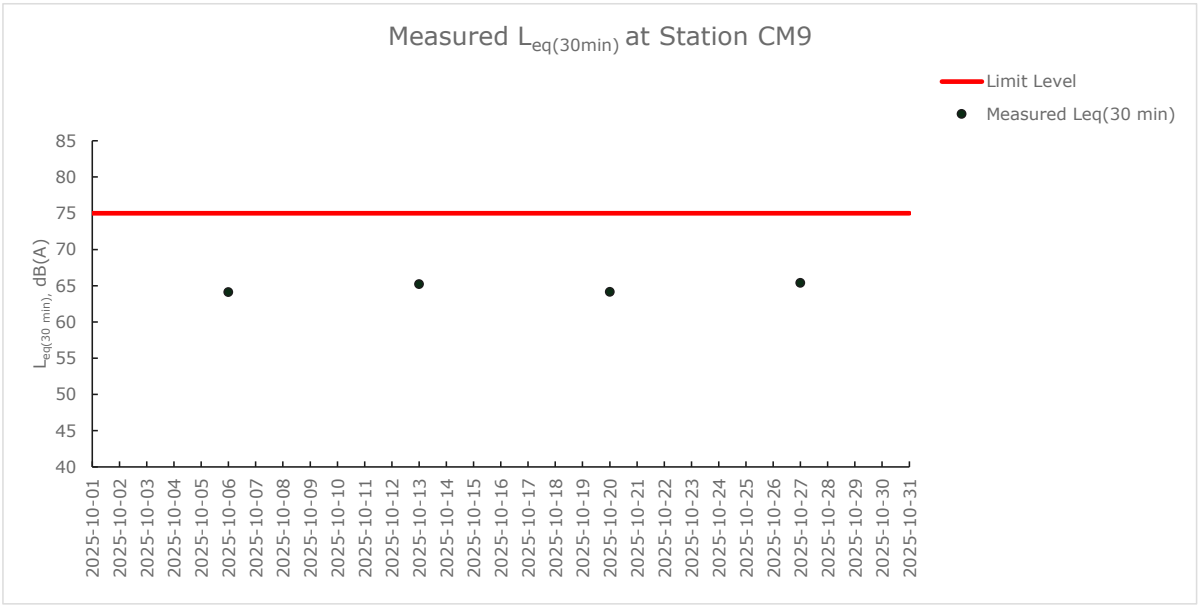
Graphical Presentation For Noise Monitoring at Station CM3 (for Works Contract No. ND/2024/09)



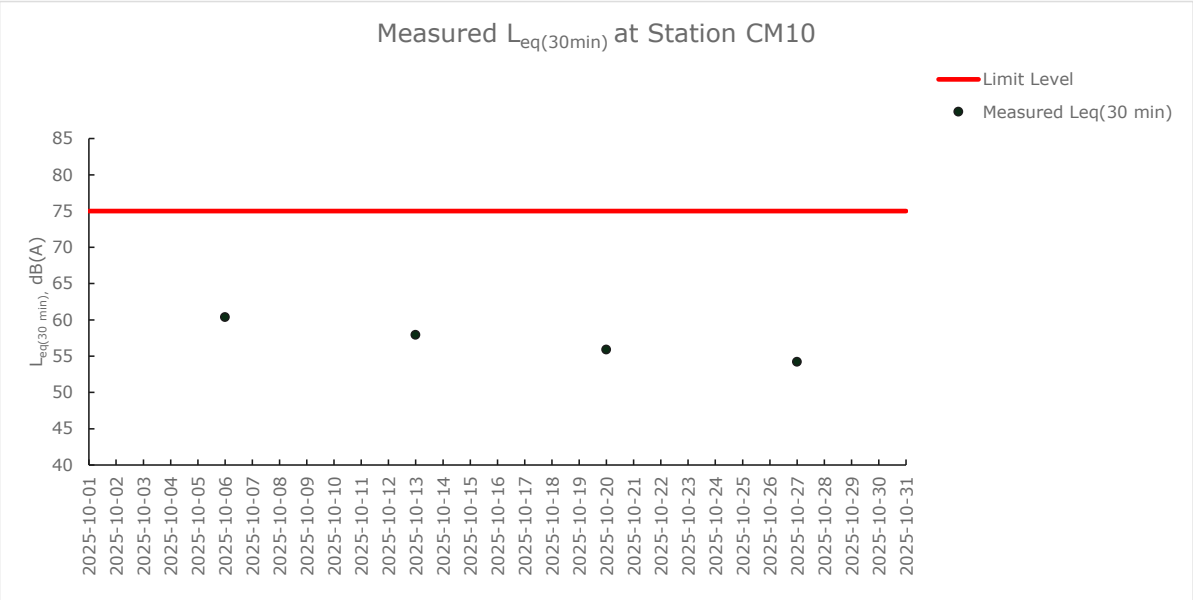
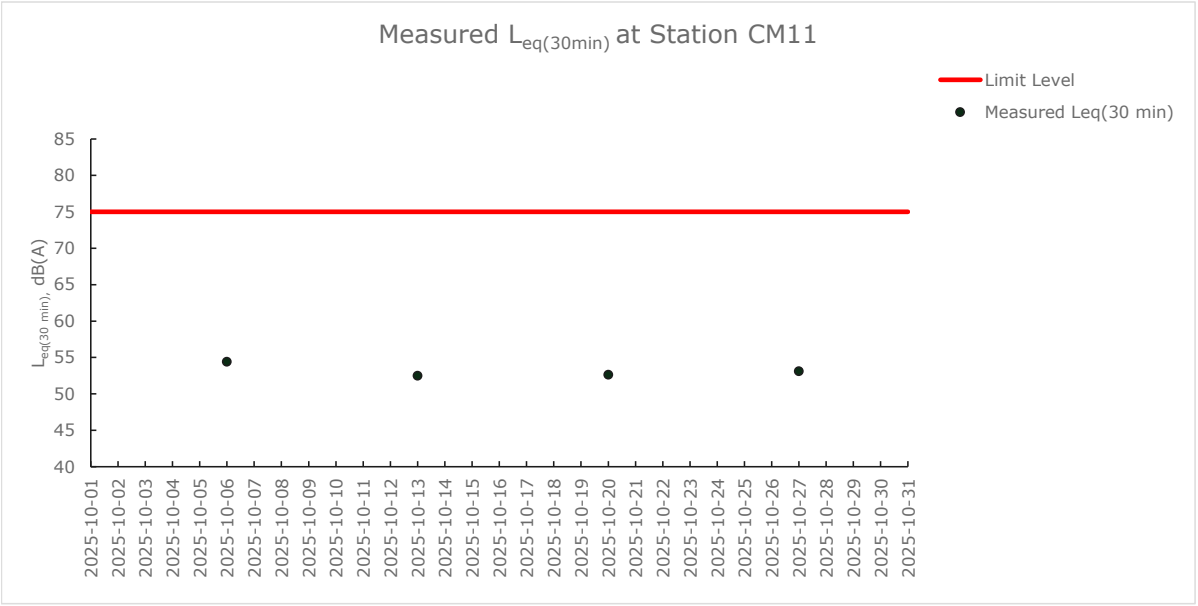
Graphical Presentation For Noise Monitoring at Station CM4 (for Works Contract No. ND/2024/09)



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)