



1/6 Soi Ramkhamhaeng 145, Khwaeng / Khet Saphansung, Bangkok 10240

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1/6 ซอยรามคำแหง 145 แขวงสะพานสูง เขตสะพานสูง กรุงเทพมหานคร 10240

Tel : 0-2373-7799 (Auto) Fax : 0-2373-7979

TEST REPORT

Customer Name : บริษัท ชิน เคอ หยวน จำกัด Report No. : 1658/2024/10-19
Project : โครงการโรงงานผลิตเหล็กแผ่น เหล็กรูปพรรณ และเหล็กถวด Report Date : May 28, 2024
Address : 10/6 หมู่ 2 ตำบลตาสีห์ อำเภอลวกแดง Sampling Date : May 9-16, 2024
T. (033) 684 290-7 F. (033) 684 298-9 Type of Sample : เสียงรบกวน
Job No. : S670002/May

(10/1-3)

| Item | Time | Result (dB(A)) | | | | |
|----------------------------|-------------|--|---------------------------------|-------------------------|--------------------------------------|------------------|
| | | บ้านเฉลิมลาภ (N1) | | | | |
| | | ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq) | ระดับเสียงขณะไม่มีกรรบกวน (Leq) | ระดับเสียงขณะมีการรบกวน | ระดับเสียงพื้นฐาน (L ₉₀) | ค่าระดับการรบกวน |
| | | 13-14/05/24 | 13-14/05/24 | - | 13-14/05/24 | - |
| 1. | 13.00-14.00 | 51.2 | 51.4 | 51.2 | 49.4 | 1.8 |
| 2. | 14.00-15.00 | 50.6 | 53.2 | 50.6 | 52.1 | -1.5 |
| 3. | 15.00-16.00 | 50.2 | 53.0 | 50.2 | 51.8 | -1.6 |
| 4. | 16.00-17.00 | 48.9 | 52.2 | 48.9 | 51.3 | -2.4 |
| 5. | 17.00-18.00 | 49.8 | 51.6 | 49.8 | 50.3 | -0.5 |
| 6. | 18.00-19.00 | 50.6 | 51.2 | 50.6 | 49.4 | 1.2 |
| 7. | 19.00-20.00 | 50.8 | 49.9 | 43.5 | 47.5 | -4.0 |
| 8. | 20.00-21.00 | 50.7 | 50.8 | 50.7 | 48.9 | 1.8 |
| 9. | 21.00-22.00 | 50.6 | 51.6 | 50.6 | 50.0 | 0.6 |
| 10. | 22.00-22.05 | 51.6 | 52.1 | 51.6 | 50.6 | 1.0 |
| | 22.05-22.10 | 52.6 | 52.3 | 43.8 | 50.6 | -6.8 |
| | 22.10-22.15 | 51.4 | 52.0 | 51.4 | 50.7 | 0.7 |
| | 22.15-22.20 | 50.2 | 51.7 | 50.2 | 50.5 | -0.3 |
| | 22.20-22.25 | 50.1 | 51.5 | 50.1 | 50.0 | 0.1 |
| | 22.25-22.30 | 50.3 | 51.8 | 50.3 | 50.6 | -0.3 |
| | 22.30-22.35 | 50.7 | 52.2 | 50.7 | 51.0 | -0.3 |
| | 22.35-22.40 | 50.3 | 51.8 | 50.3 | 50.9 | -0.6 |
| | 22.40-22.45 | 50.0 | 51.4 | 50.0 | 50.5 | -0.5 |
| | 22.45-22.50 | 50.4 | 51.9 | 50.4 | 50.8 | -0.4 |
| 11. | 22.50-22.55 | 50.7 | 52.0 | 50.7 | 50.4 | 0.3 |
| | 22.55-23.00 | 50.6 | 51.3 | 50.6 | 50.1 | 0.5 |
| | 23.00-23.05 | 50.2 | 51.6 | 50.2 | 50.4 | -0.2 |
| | 23.05-23.10 | 50.2 | 51.7 | 50.2 | 50.4 | -0.2 |
| | 23.10-23.15 | 52.4 | 51.6 | 47.7 | 50.4 | -2.7 |
| | 23.15-23.20 | 51.2 | 52.0 | 51.2 | 50.7 | 0.5 |
| | 23.20-23.25 | 50.4 | 52.1 | 50.4 | 50.6 | -0.2 |
| | 23.25-23.30 | 50.6 | 51.7 | 50.6 | 50.3 | 0.3 |
| | 23.30-23.35 | 50.8 | 51.8 | 50.8 | 50.5 | 0.3 |
| | 23.35-23.40 | 50.0 | 51.8 | 50.0 | 50.4 | -0.4 |
| | 23.40-23.45 | 50.3 | 52.0 | 50.3 | 50.7 | -0.4 |
| | 23.45-23.50 | 50.7 | 51.9 | 50.7 | 50.5 | 0.2 |
| | 23.50-23.55 | 51.1 | 51.5 | 51.1 | 49.8 | 1.3 |
| | 23.55-00.00 | 51.0 | 50.8 | 40.5 | 48.6 | -8.1 |
| Standard ⁽¹⁾⁽²⁾ | | | | | | 10 |

- REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY
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TEST REPORT

(10/2-3)

| Item | Time | Result (dB(A)) | | | | |
|----------------------------|-------------|--|----------------------------------|-------------------------|--------------------------------------|------------------|
| | | บ้านเฉลิมลาภ (N1) | | | | |
| | | ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq) | ระดับเสียงขณะไม่มีการรบกวน (Leq) | ระดับเสียงขณะมีการรบกวน | ระดับเสียงพื้นฐาน (L ₉₀) | ค่าระดับการรบกวน |
| | | 13-14/05/24 | 13-14/05/24 | - | 13-14/05/24 | - |
| 12. | 00.00-00.05 | 50.5 | 51.0 | 50.5 | 48.5 | 2.0 |
| | 00.05-00.10 | 50.7 | 51.2 | 50.7 | 49.4 | 1.3 |
| | 00.10-00.15 | 50.6 | 51.2 | 50.6 | 49.6 | 1.0 |
| | 00.15-00.20 | 51.3 | 51.0 | 42.5 | 49.2 | -6.7 |
| | 00.20-00.25 | 50.7 | 51.0 | 50.7 | 49.2 | 1.5 |
| | 00.25-00.30 | 50.5 | 51.5 | 50.5 | 49.9 | 0.6 |
| | 00.30-00.35 | 51.1 | 51.2 | 51.1 | 49.3 | 1.8 |
| | 00.35-00.40 | 50.8 | 51.8 | 50.8 | 50.0 | 0.8 |
| | 00.40-00.45 | 50.1 | 52.1 | 50.1 | 50.9 | -0.8 |
| | 00.45-00.50 | 50.1 | 52.2 | 50.1 | 51.2 | -1.1 |
| 13. | 00.50-00.55 | 50.2 | 52.3 | 50.2 | 51.2 | -1.0 |
| | 00.55-01.00 | 50.2 | 52.9 | 50.2 | 51.3 | -1.1 |
| | 01.00-01.05 | 49.9 | 52.6 | 49.9 | 50.9 | -1.0 |
| | 01.05-01.10 | 50.3 | 53.6 | 50.3 | 51.6 | -1.3 |
| | 01.10-01.15 | 49.4 | 52.4 | 49.4 | 50.3 | -0.9 |
| | 01.15-01.20 | 49.2 | 51.2 | 49.2 | 50.1 | -0.9 |
| | 01.20-01.25 | 49.1 | 51.1 | 49.1 | 50.0 | -0.9 |
| | 01.25-01.30 | 49.1 | 51.3 | 49.1 | 50.6 | -1.5 |
| | 01.30-01.35 | 49.1 | 51.7 | 49.1 | 50.7 | -1.6 |
| | 01.35-01.40 | 49.1 | 51.3 | 49.1 | 50.4 | -1.3 |
| 14. | 01.40-01.45 | 49.0 | 51.0 | 49.0 | 50.0 | -1.0 |
| | 01.45-01.50 | 49.5 | 51.4 | 49.5 | 50.5 | -1.0 |
| | 01.50-01.55 | 48.9 | 51.7 | 48.9 | 50.3 | -1.4 |
| | 01.55-02.00 | 49.0 | 51.6 | 49.0 | 50.1 | -1.1 |
| | 02.00-02.05 | 49.0 | 51.2 | 49.0 | 50.0 | -1.0 |
| | 02.05-02.10 | 48.9 | 51.2 | 48.9 | 50.0 | -1.1 |
| | 02.10-02.15 | 48.9 | 53.4 | 48.9 | 50.3 | -1.4 |
| | 02.15-02.20 | 48.9 | 52.2 | 48.9 | 50.2 | -1.3 |
| | 02.20-02.25 | 49.0 | 51.4 | 49.0 | 49.9 | -0.9 |
| | 02.25-02.30 | 49.4 | 51.6 | 49.4 | 50.2 | -0.8 |
| 15. | 02.30-02.35 | 50.3 | 51.8 | 50.3 | 50.5 | -0.2 |
| | 02.35-02.40 | 50.4 | 51.0 | 50.4 | 49.8 | 0.6 |
| | 02.40-02.45 | 50.6 | 51.3 | 50.6 | 50.1 | 0.5 |
| | 02.45-02.50 | 51.8 | 51.7 | 38.4 | 50.2 | -11.8 |
| | 02.50-02.55 | 50.9 | 52.1 | 50.9 | 50.6 | 0.3 |
| | 02.55-03.00 | 50.9 | 52.0 | 50.9 | 50.4 | 0.5 |
| | 03.00-03.05 | 51.2 | 51.5 | 51.2 | 50.1 | 1.1 |
| | 03.05-03.10 | 50.9 | 51.7 | 50.9 | 50.5 | 0.4 |
| | 03.10-03.15 | 51.2 | 51.6 | 51.2 | 50.4 | 0.8 |
| | 03.15-03.20 | 51.3 | 52.3 | 51.3 | 51.1 | 0.2 |
| | 03.20-03.25 | 50.8 | 51.7 | 50.8 | 50.1 | 0.7 |
| | 03.25-03.30 | 51.3 | 51.5 | 51.3 | 50.0 | 1.3 |
| | 03.30-03.35 | 51.2 | 52.1 | 51.2 | 50.5 | 0.7 |
| | 03.35-03.40 | 51.1 | 51.8 | 51.1 | 50.1 | 1.0 |
| | 03.40-03.45 | 51.5 | 51.1 | 43.9 | 49.3 | -5.4 |
| | 03.45-03.50 | 51.1 | 51.1 | 51.1 | 49.3 | 1.8 |
| | 03.50-03.55 | 51.2 | 51.2 | 51.2 | 49.4 | 1.8 |
| | 03.55-04.00 | 51.7 | 51.2 | 45.1 | 49.6 | -4.5 |
| Standard ⁽¹⁾⁽²⁾ | | | | | | 10 |

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TEST REPORT

(10/3-3)

| Item | Time | Result (dB(A)) | | | | |
|----------------------------|-------------|--|----------------------------------|-------------------------|--------------------------------------|------------------|
| | | บ้านเฉลิมลาภ (N1) | | | | |
| | | ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq) | ระดับเสียงขณะไม่มีการรบกวน (Leq) | ระดับเสียงขณะมีการรบกวน | ระดับเสียงพื้นฐาน (L ₉₀) | ค่าระดับการรบกวน |
| | | 13-14/05/24 | 13-14/05/24 | - | 13-14/05/24 | - |
| 16. | 04.00-04.05 | 51.5 | 50.9 | 45.6 | 48.7 | -3.1 |
| | 04.05-04.10 | 51.4 | 51.3 | 38.0 | 49.2 | -11.2 |
| | 04.10-04.15 | 50.9 | 50.4 | 44.3 | 47.7 | -3.4 |
| | 04.15-04.20 | 50.7 | 50.2 | 44.1 | 47.7 | -3.6 |
| | 04.20-04.25 | 50.1 | 50.1 | 50.1 | 47.7 | 2.4 |
| | 04.25-04.30 | 50.0 | 50.1 | 50.0 | 47.4 | 2.6 |
| | 04.30-04.35 | 49.9 | 50.1 | 49.9 | 47.6 | 2.3 |
| | 04.35-04.40 | 49.2 | 50.1 | 49.2 | 47.5 | 1.7 |
| | 04.40-04.45 | 48.5 | 50.0 | 48.5 | 47.4 | 1.1 |
| | 04.45-04.50 | 47.5 | 50.5 | 47.5 | 47.6 | -0.1 |
| | 04.50-04.55 | 46.9 | 49.9 | 46.9 | 47.2 | -0.3 |
| | 04.55-05.00 | 47.3 | 50.0 | 47.3 | 47.3 | 0.0 |
| 17. | 05.00-05.05 | 47.7 | 50.0 | 47.7 | 47.3 | 0.4 |
| | 05.05-05.10 | 47.8 | 49.9 | 47.8 | 47.2 | 0.6 |
| | 05.10-05.15 | 48.0 | 49.9 | 48.0 | 47.2 | 0.8 |
| | 05.15-05.20 | 47.9 | 49.9 | 47.9 | 47.0 | 0.9 |
| | 05.20-05.25 | 49.1 | 50.0 | 49.1 | 47.3 | 1.8 |
| | 05.25-05.30 | 50.4 | 50.4 | 50.4 | 47.6 | 2.8 |
| | 05.30-05.35 | 51.1 | 51.3 | 51.1 | 49.4 | 1.7 |
| | 05.35-05.40 | 50.4 | 51.4 | 50.4 | 49.7 | 0.7 |
| | 05.40-05.45 | 50.6 | 51.6 | 50.6 | 49.7 | 0.9 |
| | 05.45-05.50 | 51.0 | 52.8 | 51.0 | 50.1 | 0.9 |
| | 05.50-05.55 | 50.8 | 51.9 | 50.8 | 50.1 | 0.7 |
| | 05.55-06.00 | 51.2 | 51.9 | 51.2 | 50.4 | 0.8 |
| 18. | 06.00-07.00 | 50.8 | 52.2 | 50.8 | 50.5 | 0.3 |
| 19. | 07.00-08.00 | 50.8 | 50.7 | 34.4 | 48.6 | -14.2 |
| 20. | 08.00-09.00 | 51.0 | 50.9 | 34.6 | 49.6 | -15.0 |
| 21. | 09.00-10.00 | 51.2 | 51.8 | 51.2 | 50.2 | 1.0 |
| 22. | 10.00-11.00 | 50.4 | 51.8 | 50.4 | 50.3 | 0.1 |
| 23. | 11.00-12.00 | 51.5 | 52.0 | 51.5 | 51.1 | 0.4 |
| 24. | 12.00-13.00 | 51.2 | 52.2 | 51.2 | 51.0 | 0.2 |
| Standard ⁽¹⁾⁽²⁾ | | | | | | 10 |

Standard : ⁽¹⁾ Notification of the National Environment Board No. 29 (2007) (B.E. 2550)

⁽²⁾ Notification of the Ministry of Industry (2005) (B.E. 2548)

Pramual M.

Pramual Moonsarn



Wannasiri S.

Wannasiri Suriyawong

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Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

ORIGINAL

ต้นฉบับ

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1/6 ซอยรามคำแหง 145 แขวงสะพานสูง เขตสะพานสูง กรุงเทพมหานคร 10240

Tel : 0-2373-7799 (Auto) Fax : 0-2373-7979

TEST REPORT

Customer Name : บริษัท ชิน เคอ หยวน จำกัด

Report No. : 1658/2024/11-19

Project : โครงการโรงงานผลิตเหล็กแผ่น เหล็กรูปพรรณ และเหล็กหลอด

Report Date : May 28, 2024

Address : 10/6 หมู่ 2 ตำบลตาสีห์ อำเภอบลวกแดง

Sampling Date : May 9-16, 2024

T. (033) 684 290-7 F. (033) 684 298-9

Type of Sample : เสียงรบกวน

Job No. : S670002/May

(11/1-3)

| Item | Time | Result (dB(A)) | | | | |
|----------------------------|-------------|--|----------------------------------|-------------------------|--------------------------------------|------------------|
| | | บ้านเฉลิมลาภ (N1) | | | | |
| | | ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq) | ระดับเสียงขณะไม่มีการรบกวน (Leq) | ระดับเสียงขณะมีการรบกวน | ระดับเสียงพื้นฐาน (L ₉₀) | ค่าระดับการรบกวน |
| | | 14-15/05/24 | 14-15/05/24 | - | 14-15/05/24 | - |
| 1. | 13.00-14.00 | 50.9 | 51.4 | 50.9 | 47.9 | 3.0 |
| 2. | 14.00-15.00 | 50.8 | 52.5 | 50.8 | 50.9 | -0.1 |
| 3. | 15.00-16.00 | 50.0 | 52.2 | 50.0 | 50.7 | -0.7 |
| 4. | 16.00-17.00 | 48.7 | 51.9 | 48.7 | 50.3 | -1.6 |
| 5. | 17.00-18.00 | 50.6 | 51.8 | 50.6 | 50.1 | 0.5 |
| 6. | 18.00-19.00 | 50.9 | 51.0 | 50.9 | 48.9 | 2.0 |
| 7. | 19.00-20.00 | 50.6 | 49.7 | 43.3 | 47.0 | -3.7 |
| 8. | 20.00-21.00 | 50.7 | 51.6 | 50.7 | 50.3 | 0.4 |
| 9. | 21.00-22.00 | 50.3 | 51.9 | 50.3 | 50.6 | -0.3 |
| 10. | 22.00-22.05 | 50.8 | 52.2 | 50.8 | 50.8 | 0.0 |
| | 22.05-22.10 | 50.6 | 52.4 | 50.6 | 50.8 | -0.2 |
| | 22.10-22.15 | 50.4 | 52.0 | 50.4 | 50.4 | 0.0 |
| | 22.15-22.20 | 51.2 | 51.4 | 51.2 | 49.9 | 1.3 |
| | 22.20-22.25 | 51.9 | 51.6 | 43.1 | 50.1 | -7.0 |
| | 22.25-22.30 | 50.7 | 51.3 | 50.7 | 49.8 | 0.9 |
| | 22.30-22.35 | 50.8 | 51.6 | 50.8 | 50.1 | 0.7 |
| | 22.35-22.40 | 51.4 | 51.8 | 51.4 | 50.5 | 0.9 |
| | 22.40-22.45 | 50.8 | 51.2 | 50.8 | 49.8 | 1.0 |
| | 22.45-22.50 | 50.2 | 51.3 | 50.2 | 49.6 | 0.6 |
| | 22.50-22.55 | 50.6 | 51.5 | 50.6 | 50.1 | 0.5 |
| | 22.55-23.00 | 50.4 | 51.4 | 50.4 | 50.1 | 0.3 |
| 11. | 23.00-23.05 | 50.9 | 51.5 | 50.9 | 50.2 | 0.7 |
| | 23.05-23.10 | 50.4 | 51.8 | 50.4 | 50.6 | -0.2 |
| | 23.10-23.15 | 50.3 | 51.8 | 50.3 | 50.5 | -0.2 |
| | 23.15-23.20 | 50.6 | 51.4 | 50.6 | 50.4 | 0.2 |
| | 23.20-23.25 | 50.4 | 51.8 | 50.4 | 50.4 | 0.0 |
| | 23.25-23.30 | 50.7 | 51.6 | 50.7 | 50.4 | 0.3 |
| | 23.30-23.35 | 50.1 | 51.3 | 50.1 | 49.6 | 0.5 |
| | 23.35-23.40 | 50.6 | 51.5 | 50.6 | 49.9 | 0.7 |
| | 23.40-23.45 | 50.6 | 52.4 | 50.6 | 51.1 | -0.5 |
| | 23.45-23.50 | 50.6 | 52.5 | 50.6 | 51.2 | -0.6 |
| | 23.50-23.55 | 50.7 | 51.6 | 50.7 | 49.9 | 0.8 |
| | 23.55-00.00 | 50.4 | 51.0 | 50.4 | 49.1 | 1.3 |
| Standard ⁽¹⁾⁽²⁾ | | | | | | 10 |

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TEST REPORT

(11/2-3)

| Item | Time | Result (dB(A)) | | | | |
|----------------------------|-------------|--|----------------------------------|-------------------------|--------------------------------------|------------------|
| | | บ้านเฉลิมลาภ (N1) | | | | |
| | | ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq) | ระดับเสียงขณะไม่มีการรบกวน (Leq) | ระดับเสียงขณะมีการรบกวน | ระดับเสียงพื้นฐาน (L ₉₀) | ค่าระดับการรบกวน |
| | | 14-15/05/24 | 14-15/05/24 | - | 14-15/05/24 | - |
| 12. | 00.00-00.05 | 50.6 | 50.6 | 50.6 | 48.9 | 1.7 |
| | 00.05-00.10 | 50.7 | 50.9 | 50.7 | 48.9 | 1.8 |
| | 00.10-00.15 | 49.3 | 51.0 | 49.3 | 49.1 | 0.2 |
| | 00.15-00.20 | 50.3 | 51.0 | 50.3 | 49.0 | 1.3 |
| | 00.20-00.25 | 50.3 | 51.1 | 50.3 | 49.2 | 1.1 |
| | 00.25-00.30 | 50.2 | 51.1 | 50.2 | 49.4 | 0.8 |
| | 00.30-00.35 | 49.6 | 51.2 | 49.6 | 49.2 | 0.4 |
| | 00.35-00.40 | 48.5 | 51.5 | 48.5 | 49.9 | -1.4 |
| | 00.40-00.45 | 48.4 | 51.9 | 48.4 | 50.5 | -2.1 |
| | 00.45-00.50 | 49.0 | 51.9 | 49.0 | 50.5 | -1.5 |
| 13. | 00.50-00.55 | 48.4 | 51.7 | 48.4 | 50.3 | -1.9 |
| | 00.55-01.00 | 48.2 | 51.9 | 48.2 | 50.5 | -2.3 |
| | 01.00-01.05 | 48.6 | 51.8 | 48.6 | 50.3 | -1.7 |
| | 01.05-01.10 | 47.8 | 51.6 | 47.8 | 50.0 | -2.2 |
| | 01.10-01.15 | 46.3 | 51.4 | 46.3 | 50.1 | -3.8 |
| | 01.15-01.20 | 45.6 | 52.2 | 45.6 | 50.0 | -4.4 |
| | 01.20-01.25 | 45.2 | 52.9 | 45.2 | 50.8 | -5.6 |
| | 01.25-01.30 | 45.2 | 51.7 | 45.2 | 50.3 | -5.1 |
| | 01.30-01.35 | 44.9 | 51.8 | 44.9 | 50.5 | -5.6 |
| | 01.35-01.40 | 45.3 | 52.4 | 45.3 | 50.3 | -5.0 |
| 14. | 01.40-01.45 | 45.0 | 51.8 | 45.0 | 50.1 | -5.1 |
| | 01.45-01.50 | 45.0 | 51.2 | 45.0 | 49.6 | -4.6 |
| | 01.50-01.55 | 44.9 | 51.6 | 44.9 | 50.3 | -5.4 |
| | 01.55-02.00 | 45.2 | 51.4 | 45.2 | 49.8 | -4.6 |
| | 02.00-02.05 | 45.2 | 51.9 | 45.2 | 50.3 | -5.1 |
| | 02.05-02.10 | 45.2 | 51.4 | 45.2 | 49.8 | -4.6 |
| | 02.10-02.15 | 45.3 | 51.3 | 45.3 | 49.9 | -4.6 |
| | 02.15-02.20 | 45.3 | 51.6 | 45.3 | 50.1 | -4.8 |
| | 02.20-02.25 | 45.1 | 51.4 | 45.1 | 49.8 | -4.7 |
| | 02.25-02.30 | 45.8 | 51.7 | 45.8 | 49.7 | -3.9 |
| 15. | 02.30-02.35 | 46.9 | 51.1 | 46.9 | 49.3 | -2.4 |
| | 02.35-02.40 | 47.9 | 51.6 | 47.9 | 49.9 | -2.0 |
| | 02.40-02.45 | 48.9 | 51.6 | 48.9 | 50.1 | -1.2 |
| | 02.45-02.50 | 48.3 | 51.6 | 48.3 | 50.0 | -1.7 |
| | 02.50-02.55 | 47.8 | 51.7 | 47.8 | 50.1 | -2.3 |
| | 02.55-03.00 | 48.6 | 51.4 | 48.6 | 49.7 | -1.1 |
| | 03.00-03.05 | 49.5 | 51.6 | 49.5 | 49.8 | -0.3 |
| | 03.05-03.10 | 49.0 | 51.7 | 49.0 | 49.9 | -0.9 |
| | 03.10-03.15 | 48.9 | 50.3 | 48.9 | 49.0 | -0.1 |
| | 03.15-03.20 | 49.0 | 51.3 | 49.0 | 49.7 | -0.7 |
| | 03.20-03.25 | 49.3 | 51.3 | 49.3 | 49.5 | -0.2 |
| | 03.25-03.30 | 48.6 | 51.2 | 48.6 | 49.5 | -0.9 |
| | 03.30-03.35 | 48.2 | 50.6 | 48.2 | 49.4 | -1.2 |
| | 03.35-03.40 | 48.7 | 49.5 | 48.7 | 49.0 | -0.3 |
| | 03.40-03.45 | 49.9 | 49.4 | 43.3 | 48.7 | -5.4 |
| | 03.45-03.50 | 50.0 | 50.0 | 50.0 | 49.3 | 0.7 |
| | 03.50-03.55 | 49.4 | 49.4 | 49.4 | 48.6 | 0.8 |
| | 03.55-04.00 | 49.4 | 49.2 | 38.9 | 48.5 | -9.6 |
| Standard ⁽¹⁾⁽²⁾ | | | | | | 10 |



TEST REPORT

(11/3-3)

| Item | Time | Result (dB(A)) | | | | |
|----------------------------|-------------|--|----------------------------------|-------------------------|--------------------------------------|------------------|
| | | บ้านเฉลิมลาภ (N1) | | | | |
| | | ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq) | ระดับเสียงขณะไม่มีการรบกวน (Leq) | ระดับเสียงขณะมีการรบกวน | ระดับเสียงพื้นฐาน (L ₉₀) | ค่าระดับการรบกวน |
| | | 14-15/05/24 | 14-15/05/24 | - | 14-15/05/24 | - |
| 16. | 04.00-04.05 | 48.9 | 49.6 | 48.9 | 49.0 | -0.1 |
| | 04.05-04.10 | 49.0 | 48.8 | 38.5 | 47.5 | -9.0 |
| | 04.10-04.15 | 49.2 | 47.3 | 47.7 | 46.6 | 1.1 |
| | 04.15-04.20 | 49.3 | 46.6 | 49.0 | 46.0 | 3.0 |
| | 04.20-04.25 | 48.0 | 46.2 | 46.3 | 46.0 | 0.3 |
| | 04.25-04.30 | 47.5 | 46.2 | 44.6 | 46.0 | -1.4 |
| | 04.30-04.35 | 47.5 | 45.9 | 45.4 | 45.5 | -0.1 |
| | 04.35-04.40 | 46.9 | 46.3 | 41.0 | 46.0 | -5.0 |
| | 04.40-04.45 | 46.7 | 46.0 | 41.4 | 45.8 | -4.4 |
| | 04.45-04.50 | 46.4 | 46.0 | 38.8 | 45.7 | -6.9 |
| | 04.50-04.55 | 46.8 | 45.9 | 42.5 | 45.6 | -3.1 |
| | 04.55-05.00 | 47.8 | 46.2 | 45.7 | 45.8 | -0.1 |
| 17. | 05.00-05.05 | 47.3 | 46.2 | 43.8 | 46.0 | -2.2 |
| | 05.05-05.10 | 47.9 | 46.2 | 46.0 | 46.0 | 0.0 |
| | 05.10-05.15 | 48.5 | 46.3 | 47.5 | 46.1 | 1.4 |
| | 05.15-05.20 | 50.1 | 46.3 | 50.8 | 46.1 | 4.7 |
| | 05.20-05.25 | 51.0 | 46.1 | 52.3 | 45.9 | 6.4 |
| | 05.25-05.30 | 50.9 | 46.8 | 51.8 | 46.2 | 5.6 |
| | 05.30-05.35 | 51.7 | 47.9 | 52.4 | 47.2 | 5.2 |
| | 05.35-05.40 | 51.5 | 48.9 | 51.0 | 48.2 | 2.8 |
| | 05.40-05.45 | 50.6 | 49.9 | 45.3 | 49.4 | -4.1 |
| | 05.45-05.50 | 51.0 | 49.3 | 49.1 | 48.8 | 0.3 |
| | 05.50-05.55 | 50.3 | 48.8 | 48.0 | 48.4 | -0.4 |
| | 05.55-06.00 | 51.0 | 49.6 | 48.4 | 48.1 | 0.3 |
| 18. | 06.00-07.00 | 52.1 | 50.2 | 47.6 | 49.6 | -2.0 |
| 19. | 07.00-08.00 | 57.5 | 48.9 | 56.9 | 47.6 | 9.2 |
| 20. | 08.00-09.00 | 60.2 | 51.3 | 59.6 | 49.7 | 9.9 |
| 21. | 09.00-10.00 | 55.4 | 53.1 | 51.5 | 51.0 | 0.5 |
| 22. | 10.00-11.00 | 47.7 | 60.2 | 47.7 | 51.4 | -3.7 |
| 23. | 11.00-12.00 | 54.6 | 62.2 | 54.6 | 55.1 | -0.5 |
| 24. | 12.00-13.00 | 54.1 | 56.4 | 54.1 | 53.1 | 1.0 |
| Standard ⁽¹⁾⁽²⁾ | | | | | | 10 |

Standard : ⁽¹⁾ Notification of the National Environment Board No. 29 (2007) (B.E. 2550)

⁽²⁾ Notification of the Ministry of Industry (2005) (B.E. 2548)

Pramual M.

Pramual Moonsarn



Wannasiri S.

Wannasiri Suriyawong

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1/6 ซอยรามคำแหง 145 แขวงสะพานสูง เขตสะพานสูง กรุงเทพมหานคร 10240

Tel : 0-2373-7799 (Auto) Fax : 0-2373-7979

TEST REPORT

Customer Name : บริษัท ชิน เคอ หยวน จำกัด Report No. : 1658/2024/12-19
Project : โครงการโรงงานผลิตเหล็กแผ่น เหล็กรูปพรรณ และเหล็กกลวด Report Date : May 28, 2024
Address : 10/6 หมู่ 2 ตำบลตาสีห์ อำเภอบลวกแดง Sampling Date : May 9-16, 2024
T. (033) 684 290-7 F. (033) 684 298-9 Type of Sample : เสียงรบกวน
Job No. : S670002/May

(12/1-3)

| Item | Time | Result (dB(A)) | | | | |
|----------------------------|-------------|--|----------------------------------|-------------------------|--------------------------------------|------------------|
| | | บ้านเฉลิมลาภ (N1) | | | | |
| | | ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq) | ระดับเสียงขณะไม่มีการรบกวน (Leq) | ระดับเสียงขณะมีการรบกวน | ระดับเสียงพื้นฐาน (L ₉₀) | ค่าระดับการรบกวน |
| | | 15-16/05/24 | 15-16/05/24 | - | 15-16/05/24 | - |
| 1. | 13.00-14.00 | 50.2 | 48.7 | 44.9 | 46.0 | -1.2 |
| 2. | 14.00-15.00 | 50.1 | 55.6 | 50.1 | 51.5 | -1.4 |
| 3. | 15.00-16.00 | 49.6 | 55.1 | 49.6 | 51.7 | -2.1 |
| 4. | 16.00-17.00 | 50.5 | 51.2 | 50.5 | 49.1 | 1.4 |
| 5. | 17.00-18.00 | 53.3 | 51.1 | 49.3 | 48.3 | 1.0 |
| 6. | 18.00-19.00 | 53.6 | 50.6 | 50.6 | 48.6 | 2.0 |
| 7. | 19.00-20.00 | 53.7 | 51.5 | 49.7 | 48.7 | 1.0 |
| 8. | 20.00-21.00 | 51.0 | 54.3 | 51.0 | 52.9 | -1.9 |
| 9. | 21.00-22.00 | 51.8 | 54.6 | 51.8 | 53.0 | -1.2 |
| 10. | 22.00-22.05 | 53.3 | 54.2 | 53.3 | 52.7 | 0.6 |
| | 22.05-22.10 | 52.9 | 54.5 | 52.9 | 53.1 | -0.2 |
| | 22.10-22.15 | 53.2 | 54.7 | 53.2 | 53.4 | -0.2 |
| | 22.15-22.20 | 53.4 | 55.0 | 53.4 | 53.3 | 0.1 |
| | 22.20-22.25 | 51.8 | 54.9 | 51.8 | 53.0 | -1.2 |
| | 22.25-22.30 | 54.3 | 54.9 | 54.3 | 53.2 | 1.1 |
| | 22.30-22.35 | 53.8 | 54.6 | 53.8 | 53.2 | 0.6 |
| | 22.35-22.40 | 53.0 | 55.3 | 53.0 | 53.9 | -0.9 |
| | 22.40-22.45 | 52.8 | 55.2 | 52.8 | 53.7 | -0.9 |
| | 22.45-22.50 | 51.9 | 53.7 | 51.9 | 52.1 | -0.2 |
| 11. | 22.50-22.55 | 52.0 | 54.0 | 52.0 | 52.2 | -0.2 |
| | 22.55-23.00 | 53.4 | 55.0 | 53.4 | 53.5 | -0.1 |
| | 23.00-23.05 | 54.0 | 54.2 | 54.0 | 53.0 | 1.0 |
| | 23.05-23.10 | 53.4 | 54.3 | 53.4 | 53.0 | 0.4 |
| | 23.10-23.15 | 53.5 | 54.5 | 53.5 | 53.1 | 0.4 |
| | 23.15-23.20 | 52.1 | 53.5 | 52.1 | 51.4 | 0.7 |
| | 23.20-23.25 | 51.4 | 52.6 | 51.4 | 50.7 | 0.7 |
| | 23.25-23.30 | 50.6 | 51.3 | 50.6 | 48.8 | 1.8 |
| | 23.30-23.35 | 52.2 | 50.5 | 50.3 | 48.6 | 1.7 |
| | 23.35-23.40 | 53.8 | 50.2 | 54.3 | 48.4 | 5.9 |
| | 23.40-23.45 | 52.4 | 50.1 | 51.5 | 48.0 | 3.5 |
| | 23.45-23.50 | 51.7 | 49.5 | 50.7 | 47.8 | 2.9 |
| | 23.50-23.55 | 52.6 | 48.5 | 53.5 | 47.0 | 6.5 |
| | 23.55-00.00 | 52.7 | 47.8 | 54.0 | 47.0 | 7.0 |
| Standard ⁽¹⁾⁽²⁾ | | | | | | 10 |

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TEST REPORT

(12/2-3)

| Item | Time | Result (dB(A)) | | | | |
|----------------------------|-------------|--|----------------------------------|-------------------------|--------------------------------------|------------------|
| | | บ้านเฉลิมลาภ (N1) | | | | |
| | | ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq) | ระดับเสียงขณะไม่มีการรบกวน (Leq) | ระดับเสียงขณะมีการรบกวน | ระดับเสียงพื้นฐาน (L ₉₀) | ค่าระดับการรบกวน |
| | | 15-16/05/24 | 15-16/05/24 | - | 15-16/05/24 | - |
| 12. | 00.00-00.05 | 52.7 | 48.3 | 53.7 | 47.4 | 6.3 |
| | 00.05-00.10 | 53.5 | 49.6 | 54.2 | 47.7 | 6.5 |
| | 00.10-00.15 | 54.3 | 54.0 | 45.5 | 52.5 | -7.0 |
| | 00.15-00.20 | 52.5 | 53.5 | 52.5 | 52.3 | 0.2 |
| | 00.20-00.25 | 53.2 | 53.8 | 53.2 | 52.1 | 1.1 |
| | 00.25-00.30 | 52.0 | 52.7 | 52.0 | 51.5 | 0.5 |
| | 00.30-00.35 | 50.2 | 53.1 | 50.2 | 51.0 | -0.8 |
| | 00.35-00.40 | 49.3 | 53.1 | 49.3 | 51.9 | -2.6 |
| | 00.40-00.45 | 45.5 | 53.8 | 45.5 | 52.2 | -6.7 |
| | 00.45-00.50 | 45.6 | 53.7 | 45.6 | 52.0 | -6.4 |
| 13. | 00.50-00.55 | 45.9 | 52.5 | 45.9 | 51.4 | -5.5 |
| | 00.55-01.00 | 45.7 | 52.5 | 45.7 | 51.5 | -5.8 |
| | 01.00-01.05 | 45.9 | 54.3 | 45.9 | 52.9 | -7.0 |
| | 01.05-01.10 | 45.3 | 53.9 | 45.3 | 52.6 | -7.3 |
| | 01.10-01.15 | 45.3 | 54.2 | 45.3 | 52.5 | -7.2 |
| | 01.15-01.20 | 45.5 | 54.4 | 45.5 | 53.0 | -7.5 |
| | 01.20-01.25 | 45.6 | 52.8 | 45.6 | 50.9 | -5.3 |
| | 01.25-01.30 | 46.4 | 55.3 | 46.4 | 53.4 | -7.0 |
| | 01.30-01.35 | 46.8 | 54.8 | 46.8 | 52.5 | -5.7 |
| | 01.35-01.40 | 46.7 | 54.0 | 46.7 | 51.8 | -5.1 |
| 14. | 01.40-01.45 | 46.5 | 53.8 | 46.5 | 52.3 | -5.8 |
| | 01.45-01.50 | 46.7 | 52.9 | 46.7 | 51.6 | -4.9 |
| | 01.50-01.55 | 47.5 | 53.0 | 47.5 | 51.8 | -4.3 |
| | 01.55-02.00 | 48.0 | 54.4 | 48.0 | 52.0 | -4.0 |
| | 02.00-02.05 | 47.5 | 55.0 | 47.5 | 53.6 | -6.1 |
| | 02.05-02.10 | 46.2 | 54.4 | 46.2 | 52.9 | -6.7 |
| | 02.10-02.15 | 46.2 | 54.5 | 46.2 | 52.0 | -5.8 |
| | 02.15-02.20 | 47.7 | 53.1 | 47.7 | 51.1 | -3.4 |
| | 02.20-02.25 | 43.5 | 52.4 | 43.5 | 50.6 | -7.1 |
| | 02.25-02.30 | 43.7 | 51.6 | 43.7 | 49.8 | -6.1 |
| 15. | 02.30-02.35 | 45.1 | 53.2 | 45.1 | 51.8 | -6.7 |
| | 02.35-02.40 | 47.2 | 54.8 | 47.2 | 53.0 | -5.8 |
| | 02.40-02.45 | 45.7 | 53.4 | 45.7 | 51.3 | -5.6 |
| | 02.45-02.50 | 45.8 | 52.7 | 45.8 | 51.8 | -6.0 |
| | 02.50-02.55 | 46.5 | 53.6 | 46.5 | 52.3 | -5.8 |
| | 02.55-03.00 | 45.5 | 53.7 | 45.5 | 52.1 | -6.6 |
| | 03.00-03.05 | 51.1 | 53.7 | 51.1 | 52.0 | -0.9 |
| | 03.05-03.10 | 47.7 | 54.5 | 47.7 | 53.3 | -5.6 |
| | 03.10-03.15 | 46.0 | 55.3 | 46.0 | 53.6 | -7.6 |
| | 03.15-03.20 | 48.0 | 53.5 | 48.0 | 52.4 | -4.4 |
| | 03.20-03.25 | 47.3 | 54.2 | 47.3 | 52.9 | -5.6 |
| | 03.25-03.30 | 46.0 | 53.0 | 46.0 | 51.0 | -5.0 |
| | 03.30-03.35 | 46.6 | 51.2 | 46.6 | 49.6 | -3.0 |
| | 03.35-03.40 | 46.3 | 50.3 | 46.3 | 48.5 | -2.2 |
| | 03.40-03.45 | 46.9 | 46.5 | 39.3 | 45.7 | -6.4 |
| | 03.45-03.50 | 50.4 | 46.6 | 51.1 | 45.8 | 5.3 |
| | 03.50-03.55 | 48.6 | 46.9 | 46.7 | 46.1 | 0.6 |
| | 03.55-04.00 | 50.9 | 46.7 | 51.8 | 46.0 | 5.8 |
| Standard ⁽¹⁾⁽²⁾ | | | | | | 10 |

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Thai Environmental Technic Limited

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TEST REPORT

(12/3-3)

| Item | Time | Result (dB(A)) | | | | |
|----------------------------|-------------|--|----------------------------------|-------------------------|--------------------------------------|------------------|
| | | บ้านเฉลิมลาภ (N1) | | | | |
| | | ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq) | ระดับเสียงขณะไม่มีการรบกวน (Leq) | ระดับเสียงขณะมีการรบกวน | ระดับเสียงพื้นฐาน (L ₉₀) | ค่าระดับการรบกวน |
| | | 15-16/05/24 | 15-16/05/24 | - | 15-16/05/24 | - |
| 16. | 04.00-04.05 | 48.0 | 46.9 | 44.5 | 46.2 | -1.7 |
| | 04.05-04.10 | 45.9 | 46.3 | 45.9 | 45.7 | 0.2 |
| | 04.10-04.15 | 48.3 | 46.3 | 47.0 | 45.8 | 1.2 |
| | 04.15-04.20 | 48.6 | 46.5 | 47.4 | 45.8 | 1.6 |
| | 04.20-04.25 | 49.3 | 46.6 | 49.0 | 46.0 | 3.0 |
| | 04.25-04.30 | 48.2 | 47.4 | 43.5 | 46.7 | -3.2 |
| | 04.30-04.35 | 48.6 | 47.8 | 43.9 | 46.9 | -3.0 |
| | 04.35-04.40 | 48.9 | 47.7 | 45.7 | 47.0 | -1.3 |
| | 04.40-04.45 | 47.6 | 47.5 | 34.2 | 46.9 | -12.7 |
| | 04.45-04.50 | 45.6 | 47.7 | 45.6 | 47.1 | -1.5 |
| | 04.50-04.55 | 46.1 | 48.5 | 46.1 | 45.3 | 0.8 |
| | 04.55-05.00 | 46.3 | 49.0 | 46.3 | 45.4 | 0.9 |
| 17. | 05.00-05.05 | 51.7 | 48.5 | 51.9 | 43.3 | 8.6 |
| | 05.05-05.10 | 45.7 | 47.2 | 45.7 | 42.1 | 3.6 |
| | 05.10-05.15 | 45.2 | 47.2 | 45.2 | 42.9 | 2.3 |
| | 05.15-05.20 | 43.3 | 48.7 | 43.3 | 43.5 | -0.2 |
| | 05.20-05.25 | 43.6 | 44.5 | 43.6 | 42.1 | 1.5 |
| | 05.25-05.30 | 45.7 | 44.7 | 41.8 | 42.4 | -0.6 |
| | 05.30-05.35 | 48.3 | 46.1 | 47.3 | 43.1 | 4.2 |
| | 05.35-05.40 | 44.3 | 48.2 | 44.3 | 44.2 | 0.1 |
| | 05.40-05.45 | 45.7 | 46.7 | 45.7 | 42.2 | 3.5 |
| | 05.45-05.50 | 44.8 | 46.8 | 44.8 | 42.6 | 2.2 |
| | 05.50-05.55 | 44.9 | 47.5 | 44.9 | 42.9 | 2.0 |
| | 05.55-06.00 | 47.5 | 46.5 | 43.6 | 42.9 | 0.7 |
| 18. | 06.00-07.00 | 52.2 | 50.0 | 48.2 | 45.1 | 3.1 |
| 19. | 07.00-08.00 | 52.4 | 48.8 | 49.9 | 44.6 | 5.3 |
| 20. | 08.00-09.00 | 52.3 | 47.6 | 50.5 | 43.7 | 6.8 |
| 21. | 09.00-10.00 | 50.5 | 53.2 | 50.5 | 50.8 | -0.3 |
| 22. | 10.00-11.00 | 53.0 | 53.4 | 53.0 | 52.1 | 0.9 |
| 23. | 11.00-12.00 | 53.3 | 53.3 | 53.3 | 52.5 | 0.8 |
| 24. | 12.00-13.00 | 55.6 | 51.5 | 53.5 | 48.8 | 4.7 |
| Standard ⁽¹⁾⁽²⁾ | | | | | | 10 |

Standard : ⁽¹⁾ Notification of the National Environment Board No. 29 (2007) (B.E. 2550)

⁽²⁾ Notification of the Ministry of Industry (2005) (B.E. 2548)

Pramual M.

Pramual Moonsarn



Wannasiri S.

Wannasiri Suriyawong

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Tel : 0-2373-7799 (Auto) Fax : 0-2373-7979

TEST REPORT

Customer Name : บริษัท ชิน เคอ หยวน จำกัด Report No. : 1658/2024/13-19
Project : โครงการโรงงานผลิตเหล็กแผ่น เหล็กรูปพรรณ และเหล็กกลวด Report Date : May 28, 2024
Address : 10/6 หมู่ 2 ตำบลตาสีห์ อำเภอลวกแดง Sampling Date : May 9-16, 2024
T. (033) 684 290-7 F. (033) 684 298-9 Type of Sample : เสียงรบกวน
Job No. : S670002/May

(13/1-3)

| Item | Time | Result (dB(A)) | | | | |
|----------------------------|-------------|--|----------------------------------|-------------------------|--------------------------------------|------------------|
| | | บ้านเขาระวัง (N2) | | | | |
| | | ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq) | ระดับเสียงขณะไม่มีการรบกวน (Leq) | ระดับเสียงขณะมีการรบกวน | ระดับเสียงพื้นฐาน (L ₉₀) | ค่าระดับการรบกวน |
| | | 09-10/05/24 | 09-10/05/24 | - | 09-10/05/24 | - |
| 1. | 13.00-14.00 | 55.2 | 52.1 | 52.3 | 41.9 | 10.4 |
| 2. | 14.00-15.00 | 54.0 | 50.6 | 51.3 | 45.5 | 5.8 |
| 3. | 15.00-16.00 | 55.3 | 49.2 | 54.1 | 40.8 | 13.3 |
| 4. | 16.00-17.00 | 53.5 | 48.2 | 52.0 | 38.1 | 13.9 |
| 5. | 17.00-18.00 | 55.4 | 47.6 | 54.6 | 39.5 | 15.1 |
| 6. | 18.00-19.00 | 55.9 | 47.3 | 55.3 | 38.3 | 17.0 |
| 7. | 19.00-20.00 | 46.1 | 45.6 | 36.5 | 35.5 | 1.0 |
| 8. | 20.00-21.00 | 54.4 | 46.8 | 53.6 | 38.9 | 14.7 |
| 9. | 21.00-22.00 | 46.5 | 49.4 | 46.5 | 38.1 | 8.4 |
| 10. | 22.00-22.05 | 44.7 | 50.3 | 44.7 | 37.6 | 7.1 |
| | 22.05-22.10 | 44.1 | 50.1 | 44.1 | 39.8 | 4.3 |
| | 22.10-22.15 | 44.8 | 51.0 | 44.8 | 38.1 | 6.7 |
| | 22.15-22.20 | 44.7 | 50.1 | 44.7 | 37.3 | 7.4 |
| | 22.20-22.25 | 46.7 | 50.2 | 46.7 | 40.6 | 6.1 |
| | 22.25-22.30 | 44.0 | 50.9 | 44.0 | 39.7 | 4.3 |
| | 22.30-22.35 | 43.8 | 51.4 | 43.8 | 41.2 | 2.6 |
| | 22.35-22.40 | 43.0 | 53.3 | 43.0 | 41.1 | 1.9 |
| | 22.40-22.45 | 45.0 | 52.1 | 45.0 | 41.7 | 3.3 |
| | 22.45-22.50 | 44.9 | 51.9 | 44.9 | 38.5 | 6.4 |
| 11. | 22.50-22.55 | 47.5 | 53.1 | 47.5 | 44.6 | 2.9 |
| | 22.55-23.00 | 44.7 | 54.3 | 44.7 | 46.0 | -1.3 |
| | 23.00-23.05 | 43.1 | 54.5 | 43.1 | 50.2 | -7.1 |
| | 23.05-23.10 | 49.5 | 54.5 | 49.5 | 51.3 | -1.8 |
| | 23.10-23.15 | 44.5 | 54.1 | 44.5 | 50.3 | -5.8 |
| | 23.15-23.20 | 44.2 | 54.4 | 44.2 | 49.8 | -5.6 |
| | 23.20-23.25 | 42.8 | 54.2 | 42.8 | 50.4 | -7.6 |
| | 23.25-23.30 | 45.5 | 54.2 | 45.5 | 49.8 | -4.3 |
| | 23.30-23.35 | 53.2 | 52.3 | 48.9 | 47.5 | 1.4 |
| | 23.35-23.40 | 47.3 | 52.7 | 47.3 | 48.7 | -1.4 |
| | 23.40-23.45 | 45.4 | 54.6 | 45.4 | 49.4 | -4.0 |
| | 23.45-23.50 | 44.9 | 55.5 | 44.9 | 48.8 | -3.9 |
| | 23.50-23.55 | 46.3 | 56.9 | 46.3 | 49.9 | -3.6 |
| | 23.55-00.00 | 46.1 | 53.1 | 46.1 | 48.7 | -2.6 |
| Standard ⁽¹⁾⁽²⁾ | | | | | | 10 |

- REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY
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TEST REPORT

(13/2-3)

| Item | Time | Result (dB(A)) | | | | |
|----------------------------|-------------|--|----------------------------------|-------------------------|--------------------------------------|------------------|
| | | บ้านเฉลิมลาภ (N1) | | | | |
| | | ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq) | ระดับเสียงขณะไม่มีการรบกวน (Leq) | ระดับเสียงขณะมีการรบกวน | ระดับเสียงพื้นฐาน (L ₉₀) | ค่าระดับการรบกวน |
| | | 09-10/05/24 | 09-10/05/24 | - | 09-10/05/24 | - |
| 12. | 00.00-00.05 | 46.6 | 53.6 | 46.6 | 46.9 | -0.3 |
| | 00.05-00.10 | 44.5 | 62.6 | 44.5 | 49.5 | -5.0 |
| | 00.10-00.15 | 48.3 | 54.3 | 48.3 | 50.4 | -2.1 |
| | 00.15-00.20 | 44.8 | 54.6 | 44.8 | 49.4 | -4.6 |
| | 00.20-00.25 | 44.7 | 52.8 | 44.7 | 48.8 | -4.1 |
| | 00.25-00.30 | 45.6 | 53.2 | 45.6 | 47.6 | -2.0 |
| | 00.30-00.35 | 44.8 | 54.0 | 44.8 | 50.3 | -5.5 |
| | 00.35-00.40 | 45.4 | 53.2 | 45.4 | 48.3 | -2.9 |
| | 00.40-00.45 | 44.3 | 56.5 | 44.3 | 50.1 | -5.8 |
| | 00.45-00.50 | 45.2 | 52.8 | 45.2 | 50.3 | -5.1 |
| 13. | 00.50-00.55 | 45.1 | 52.9 | 45.1 | 49.7 | -4.6 |
| | 00.55-01.00 | 44.2 | 55.3 | 44.2 | 49.9 | -5.7 |
| | 01.00-01.05 | 44.8 | 57.2 | 44.8 | 50.4 | -5.6 |
| | 01.05-01.10 | 45.8 | 55.7 | 45.8 | 51.4 | -5.6 |
| | 01.10-01.15 | 45.8 | 52.5 | 45.8 | 50.4 | -4.6 |
| | 01.15-01.20 | 46.5 | 55.2 | 46.5 | 50.1 | -3.6 |
| | 01.20-01.25 | 45.1 | 53.2 | 45.1 | 50.5 | -5.4 |
| | 01.25-01.30 | 46.4 | 54.3 | 46.4 | 51.0 | -4.6 |
| | 01.30-01.35 | 46.7 | 53.0 | 46.7 | 50.5 | -3.8 |
| | 01.35-01.40 | 45.3 | 57.3 | 45.3 | 50.3 | -5.0 |
| 14. | 01.40-01.45 | 45.1 | 55.8 | 45.1 | 50.7 | -5.6 |
| | 01.45-01.50 | 44.6 | 57.7 | 44.6 | 50.2 | -5.6 |
| | 01.50-01.55 | 45.4 | 51.4 | 45.4 | 49.6 | -4.2 |
| | 01.55-02.00 | 49.6 | 50.9 | 49.6 | 49.6 | 0.0 |
| | 02.00-02.05 | 44.8 | 54.0 | 44.8 | 50.2 | -5.4 |
| | 02.05-02.10 | 45.3 | 51.4 | 45.3 | 49.0 | -3.7 |
| | 02.10-02.15 | 47.0 | 54.2 | 47.0 | 49.8 | -2.8 |
| | 02.15-02.20 | 45.2 | 52.4 | 45.2 | 50.4 | -5.2 |
| | 02.20-02.25 | 42.6 | 54.7 | 42.6 | 50.0 | -7.4 |
| | 02.25-02.30 | 39.5 | 52.9 | 39.5 | 49.5 | -10.0 |
| 15. | 02.30-02.35 | 51.3 | 52.3 | 51.3 | 49.2 | 2.1 |
| | 02.35-02.40 | 42.5 | 55.6 | 42.5 | 51.8 | -9.3 |
| | 02.40-02.45 | 42.2 | 52.3 | 42.2 | 48.6 | -6.4 |
| | 02.45-02.50 | 44.2 | 49.9 | 44.2 | 47.8 | -3.6 |
| | 02.50-02.55 | 43.2 | 59.4 | 43.2 | 49.7 | -6.5 |
| | 02.55-03.00 | 43.3 | 51.5 | 43.3 | 49.4 | -6.1 |
| | 03.00-03.05 | 43.0 | 51.4 | 43.0 | 49.2 | -6.2 |
| | 03.05-03.10 | 42.8 | 52.4 | 42.8 | 47.7 | -4.9 |
| | 03.10-03.15 | 50.1 | 52.0 | 50.1 | 47.7 | 2.4 |
| | 03.15-03.20 | 46.6 | 50.6 | 46.6 | 47.0 | -0.4 |
| | 03.20-03.25 | 42.0 | 50.6 | 42.0 | 47.5 | -5.5 |
| | 03.25-03.30 | 42.9 | 52.1 | 42.9 | 47.5 | -4.6 |
| | 03.30-03.35 | 47.4 | 52.3 | 47.4 | 49.7 | -2.3 |
| | 03.35-03.40 | 41.1 | 57.6 | 41.1 | 50.4 | -9.3 |
| | 03.40-03.45 | 42.7 | 55.7 | 42.7 | 49.7 | -7.0 |
| | 03.45-03.50 | 46.8 | 59.0 | 46.8 | 50.5 | -3.7 |
| | 03.50-03.55 | 46.0 | 54.0 | 46.0 | 50.7 | -4.7 |
| | 03.55-04.00 | 44.6 | 50.6 | 44.6 | 48.5 | -3.9 |
| Standard ⁽¹⁾⁽²⁾ | | | | | | 10 |

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TEST REPORT

(13/3-3)

| Item | Time | Result (dB(A)) | | | | |
|----------------------------|-------------|--|----------------------------------|-------------------------|--------------------------------------|------------------|
| | | บ้านเฉลิมลาภ (N1) | | | | |
| | | ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq) | ระดับเสียงขณะไม่มีการรบกวน (Leq) | ระดับเสียงขณะมีการรบกวน | ระดับเสียงพื้นฐาน (L ₉₀) | ค่าระดับการรบกวน |
| | | 09-10/05/24 | 09-10/05/24 | - | 09-10/05/24 | - |
| 16. | 04.00-04.05 | 44.2 | 62.7 | 44.2 | 48.4 | -4.2 |
| | 04.05-04.10 | 45.3 | 57.1 | 45.3 | 48.2 | -2.9 |
| | 04.10-04.15 | 44.0 | 50.0 | 44.0 | 48.4 | -4.4 |
| | 04.15-04.20 | 43.2 | 51.0 | 43.2 | 48.0 | -4.8 |
| | 04.20-04.25 | 45.1 | 50.6 | 45.1 | 47.3 | -2.2 |
| | 04.25-04.30 | 42.8 | 52.9 | 42.8 | 46.8 | -4.0 |
| | 04.30-04.35 | 43.9 | 52.7 | 43.9 | 46.8 | -2.9 |
| | 04.35-04.40 | 42.2 | 49.3 | 42.2 | 47.4 | -5.2 |
| | 04.40-04.45 | 42.1 | 50.4 | 42.1 | 47.3 | -5.2 |
| | 04.45-04.50 | 47.5 | 50.8 | 47.5 | 48.2 | -0.7 |
| 17. | 04.50-04.55 | 46.0 | 56.3 | 46.0 | 48.7 | -2.7 |
| | 04.55-05.00 | 46.5 | 56.0 | 46.5 | 49.8 | -3.3 |
| | 05.00-05.05 | 42.2 | 53.9 | 42.2 | 51.7 | -9.5 |
| | 05.05-05.10 | 40.0 | 51.3 | 40.0 | 49.5 | -9.5 |
| | 05.10-05.15 | 40.5 | 54.7 | 40.5 | 51.3 | -10.8 |
| | 05.15-05.20 | 44.1 | 60.5 | 44.1 | 51.8 | -7.7 |
| | 05.20-05.25 | 43.5 | 58.7 | 43.5 | 51.8 | -8.3 |
| | 05.25-05.30 | 46.8 | 59.5 | 46.8 | 51.7 | -4.9 |
| | 05.30-05.35 | 46.0 | 52.6 | 46.0 | 49.1 | -3.1 |
| | 05.35-05.40 | 43.5 | 53.1 | 43.5 | 50.5 | -7.0 |
| 18. | 05.40-05.45 | 45.5 | 53.2 | 45.5 | 50.5 | -5.0 |
| | 05.45-05.50 | 43.0 | 56.0 | 43.0 | 50.1 | -7.1 |
| | 05.50-05.55 | 39.7 | 51.5 | 39.7 | 49.0 | -9.3 |
| | 05.55-06.00 | 44.1 | 54.9 | 44.1 | 48.8 | -4.7 |
| | 06.00-07.00 | 45.7 | 55.5 | 45.7 | 50.4 | -4.7 |
| | 07.00-08.00 | 52.3 | 56.3 | 52.3 | 53.1 | -0.8 |
| | 08.00-09.00 | 54.7 | 55.5 | 54.7 | 53.0 | 1.7 |
| | 09.00-10.00 | 54.9 | 54.5 | 44.3 | 53.0 | -8.7 |
| | 10.00-11.00 | 55.9 | 53.9 | 51.6 | 50.6 | 1.0 |
| | 11.00-12.00 | 61.0 | 53.5 | 60.1 | 51.5 | 8.6 |
| 24. | 12.00-13.00 | 61.1 | 52.0 | 60.5 | 50.0 | 10.5 |
| Standard ⁽¹⁾⁽²⁾ | | | | | | 10 |

Standard : ⁽¹⁾ Notification of the National Environment Board No. 29 (2007) (B.E. 2550)

⁽²⁾ Notification of the Ministry of Industry (2005) (B.E. 2548)

Pramual M.

Pramual Moonsarn



Wannasiri S.

Wannasiri Suriyawong

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1/6 ซอยรามคำแหง 145 แขวงสะพานสูง เขตสะพานสูง กรุงเทพมหานคร 10240

Tel : 0-2373-7799 (Auto) Fax : 0-2373-7979

TEST REPORT

Customer Name : บริษัท จีน เคอ หยวน จำกัด Report No. : 1658/2024/14-19
Project : โครงการโรงงานผลิตเหล็กแผ่น เหล็กรูปพรรณ และเหล็กกลวด Report Date : May 28, 2024
Address : 10/6 หมู่ 2 ตำบลตาสีห์ อำเภอลวกแดง Sampling Date : May 9-16, 2024
T. (033) 684 290-7 F. (033) 684 298-9 Type of Sample : เสียงรบกวน
Job No. : S670002/May

(14/1-3)

| Item | Time | Result (dB(A)) | | | | |
|----------------------------|-------------|--|----------------------------------|-------------------------|--------------------------------------|------------------|
| | | บ้านเขาระดัง (N2) | | | | |
| | | ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq) | ระดับเสียงขณะไม่มีการรบกวน (Leq) | ระดับเสียงขณะมีการรบกวน | ระดับเสียงพื้นฐาน (L ₉₀) | ค่าระดับการรบกวน |
| | | 10-11/05/24 | 10-11/05/24 | - | 10-11/05/24 | - |
| 1. | 13.00-14.00 | 60.7 | 52.2 | 60.0 | 50.2 | 9.8 |
| 2. | 14.00-15.00 | 55.0 | 52.9 | 50.8 | 50.9 | -0.1 |
| 3. | 15.00-16.00 | 55.7 | 54.4 | 49.8 | 51.1 | -1.3 |
| 4. | 16.00-17.00 | 52.2 | 57.2 | 52.2 | 55.0 | -2.8 |
| 5. | 17.00-18.00 | 53.9 | 56.2 | 53.9 | 53.2 | 0.7 |
| 6. | 18.00-19.00 | 54.0 | 55.8 | 54.0 | 52.6 | 1.4 |
| 7. | 19.00-20.00 | 54.3 | 57.5 | 54.3 | 55.2 | -0.9 |
| 8. | 20.00-21.00 | 54.8 | 55.5 | 54.8 | 53.7 | 1.1 |
| 9. | 21.00-22.00 | 51.0 | 55.9 | 51.0 | 54.2 | -3.2 |
| 10. | 22.00-22.05 | 47.1 | 55.7 | 47.1 | 53.2 | -6.1 |
| | 22.05-22.10 | 45.4 | 56.4 | 45.4 | 54.3 | -8.9 |
| | 22.10-22.15 | 46.3 | 56.8 | 46.3 | 54.2 | -7.9 |
| | 22.15-22.20 | 45.8 | 57.0 | 45.8 | 54.2 | -8.4 |
| | 22.20-22.25 | 47.2 | 56.1 | 47.2 | 54.0 | -6.8 |
| | 22.25-22.30 | 54.0 | 54.9 | 54.0 | 52.7 | 1.3 |
| | 22.30-22.35 | 55.5 | 54.0 | 53.2 | 51.2 | 2.0 |
| | 22.35-22.40 | 56.1 | 53.4 | 55.8 | 52.3 | 3.5 |
| | 22.40-22.45 | 55.5 | 53.9 | 53.4 | 52.2 | 1.2 |
| | 22.45-22.50 | 55.6 | 53.4 | 54.6 | 52.4 | 2.2 |
| | 22.50-22.55 | 55.1 | 53.7 | 52.5 | 52.2 | 0.3 |
| | 22.55-23.00 | 55.0 | 53.6 | 52.4 | 52.1 | 0.3 |
| 11. | 23.00-23.05 | 54.4 | 52.6 | 52.7 | 51.4 | 1.3 |
| | 23.05-23.10 | 54.6 | 52.3 | 53.7 | 50.6 | 3.1 |
| | 23.10-23.15 | 54.3 | 53.2 | 50.8 | 51.7 | -0.9 |
| | 23.15-23.20 | 49.8 | 53.3 | 49.8 | 52.0 | -2.2 |
| | 23.20-23.25 | 44.8 | 54.1 | 44.8 | 52.6 | -7.8 |
| | 23.25-23.30 | 45.4 | 54.0 | 45.4 | 52.4 | -7.0 |
| | 23.30-23.35 | 45.3 | 54.3 | 45.3 | 52.3 | -7.0 |
| | 23.35-23.40 | 45.4 | 54.2 | 45.4 | 52.9 | -7.5 |
| | 23.40-23.45 | 44.9 | 54.1 | 44.9 | 52.2 | -7.3 |
| | 23.45-23.50 | 46.4 | 54.1 | 46.4 | 52.7 | -6.3 |
| | 23.50-23.55 | 48.4 | 54.5 | 48.4 | 52.9 | -4.5 |
| | 23.55-00.00 | 46.5 | 54.5 | 46.5 | 52.7 | -6.2 |
| Standard ⁽¹⁾⁽²⁾ | | | | | | 10 |

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TEST REPORT

(14/2-3)

| Item | Time | Result (dB(A)) | | | | |
|----------------------------|-------------|--|----------------------------------|-------------------------|--------------------------------------|------------------|
| | | บ้านเฉลิมลาภ (N1) | | | | |
| | | ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq) | ระดับเสียงขณะไม่มีการรบกวน (Leq) | ระดับเสียงขณะมีการรบกวน | ระดับเสียงพื้นฐาน (L ₉₀) | ค่าระดับการรบกวน |
| | | 10-11/05/24 | 10-11/05/24 | - | 10-11/05/24 | - |
| 12. | 00.00-00.05 | 45.7 | 54.4 | 45.7 | 52.7 | -7.0 |
| | 00.05-00.10 | 47.8 | 54.5 | 47.8 | 53.1 | -5.3 |
| | 00.10-00.15 | 44.6 | 54.3 | 44.6 | 53.0 | -8.4 |
| | 00.15-00.20 | 44.7 | 54.7 | 44.7 | 53.5 | -8.8 |
| | 00.20-00.25 | 44.1 | 54.1 | 44.1 | 52.9 | -8.8 |
| | 00.25-00.30 | 44.8 | 53.6 | 44.8 | 52.2 | -7.4 |
| | 00.30-00.35 | 44.7 | 53.8 | 44.7 | 52.6 | -7.9 |
| | 00.35-00.40 | 46.7 | 53.7 | 46.7 | 52.3 | -5.6 |
| | 00.40-00.45 | 44.0 | 52.1 | 44.0 | 50.2 | -6.2 |
| | 00.45-00.50 | 43.8 | 52.9 | 43.8 | 50.3 | -6.5 |
| 13. | 00.50-00.55 | 43.0 | 52.7 | 43.0 | 50.2 | -7.2 |
| | 00.55-01.00 | 45.0 | 55.6 | 45.0 | 51.1 | -6.1 |
| | 01.00-01.05 | 44.9 | 56.4 | 44.9 | 54.6 | -9.7 |
| | 01.05-01.10 | 47.5 | 56.8 | 47.5 | 55.1 | -7.6 |
| | 01.10-01.15 | 44.7 | 56.6 | 44.7 | 54.9 | -10.2 |
| | 01.15-01.20 | 43.1 | 56.1 | 43.1 | 51.2 | -8.1 |
| | 01.20-01.25 | 49.5 | 56.8 | 49.5 | 53.1 | -3.6 |
| | 01.25-01.30 | 44.5 | 54.4 | 44.5 | 51.4 | -6.9 |
| | 01.30-01.35 | 44.2 | 54.2 | 44.2 | 51.8 | -7.6 |
| | 01.35-01.40 | 42.8 | 55.0 | 42.8 | 52.3 | -9.5 |
| 14. | 01.40-01.45 | 45.5 | 55.8 | 45.5 | 52.7 | -7.2 |
| | 01.45-01.50 | 52.5 | 55.5 | 52.5 | 52.5 | 0.0 |
| | 01.50-01.55 | 51.7 | 56.4 | 51.7 | 52.4 | -0.7 |
| | 01.55-02.00 | 52.5 | 57.8 | 52.5 | 52.3 | 0.2 |
| | 02.00-02.05 | 53.3 | 54.5 | 53.3 | 51.8 | 1.5 |
| | 02.05-02.10 | 53.7 | 53.9 | 53.7 | 51.1 | 2.6 |
| | 02.10-02.15 | 53.9 | 54.8 | 53.9 | 52.1 | 1.8 |
| | 02.15-02.20 | 50.3 | 54.9 | 50.3 | 51.9 | -1.6 |
| | 02.20-02.25 | 49.5 | 55.0 | 49.5 | 52.4 | -2.9 |
| | 02.25-02.30 | 49.3 | 54.1 | 49.3 | 50.8 | -1.5 |
| 15. | 02.30-02.35 | 48.4 | 60.9 | 48.4 | 51.0 | -2.6 |
| | 02.35-02.40 | 48.7 | 52.2 | 48.7 | 50.2 | -1.5 |
| | 02.40-02.45 | 50.9 | 50.3 | 45.0 | 48.9 | -3.9 |
| | 02.45-02.50 | 48.4 | 53.2 | 48.4 | 49.7 | -1.3 |
| | 02.50-02.55 | 48.6 | 51.6 | 48.6 | 49.8 | -1.2 |
| | 02.55-03.00 | 48.1 | 51.3 | 48.1 | 50.1 | -2.0 |
| | 03.00-03.05 | 45.3 | 51.8 | 45.3 | 50.5 | -5.2 |
| | 03.05-03.10 | 45.5 | 58.3 | 45.5 | 50.6 | -5.1 |
| | 03.10-03.15 | 44.3 | 55.0 | 44.3 | 51.0 | -6.7 |
| | 03.15-03.20 | 45.8 | 54.1 | 45.8 | 50.6 | -4.8 |
| | 03.20-03.25 | 45.1 | 55.3 | 45.1 | 50.8 | -5.7 |
| | 03.25-03.30 | 45.8 | 54.1 | 45.8 | 51.1 | -5.3 |
| | 03.30-03.35 | 45.2 | 53.4 | 45.2 | 51.4 | -6.2 |
| | 03.35-03.40 | 44.3 | 53.4 | 44.3 | 51.4 | -7.1 |
| | 03.40-03.45 | 44.8 | 54.2 | 44.8 | 51.2 | -6.4 |
| | 03.45-03.50 | 44.8 | 55.6 | 44.8 | 51.7 | -6.9 |
| | 03.50-03.55 | 44.9 | 56.0 | 44.9 | 51.4 | -6.5 |
| | 03.55-04.00 | 45.3 | 53.4 | 45.3 | 48.8 | -3.5 |
| Standard ⁽¹⁾⁽²⁾ | | | | | | 10 |



Thai Environmental Technic Limited

บริษัท เทคนิคสิ่งแวดล้อมไทย จำกัด

ORIGINAL

ต้นฉบับ

1/6 Soi Ramkhamhaeng 145, Khwaeng / Khet Saphansung, Bangkok 10240

E-mail : admin@tet1995.com

1/6 ซอยรามคำแหง 145 แขวงสะพานสูง เขตสะพานสูง กรุงเทพมหานคร 10240

Tel : 0-2373-7799 (Auto) Fax : 0-2373-7979

TEST REPORT

(14/3-3)

| Item | Time | Result (dB(A)) | | | | |
|----------------------------|-------------|--|----------------------------------|-------------------------|--------------------------------------|------------------|
| | | บ้านเฉลิมลาภ (N1) | | | | |
| | | ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq) | ระดับเสียงขณะไม่มีการรบกวน (Leq) | ระดับเสียงขณะมีการรบกวน | ระดับเสียงพื้นฐาน (L ₉₀) | ค่าระดับการรบกวน |
| | | 10-11/05/24 | 10-11/05/24 | - | 10-11/05/24 | - |
| 16. | 04.00-04.05 | 44.8 | 52.4 | 44.8 | 48.4 | -3.6 |
| | 04.05-04.10 | 49.7 | 51.5 | 49.7 | 49.2 | 0.5 |
| | 04.10-04.15 | 54.1 | 56.1 | 54.1 | 51.3 | 2.8 |
| | 04.15-04.20 | 57.4 | 53.9 | 57.8 | 51.4 | 6.4 |
| | 04.20-04.25 | 55.8 | 58.1 | 55.8 | 50.3 | 5.5 |
| | 04.25-04.30 | 49.0 | 53.2 | 49.0 | 50.5 | -1.5 |
| | 04.30-04.35 | 49.1 | 52.7 | 49.1 | 50.8 | -1.7 |
| | 04.35-04.40 | 48.4 | 53.9 | 48.4 | 50.4 | -2.0 |
| | 04.40-04.45 | 47.8 | 54.2 | 47.8 | 50.7 | -2.9 |
| | 04.45-04.50 | 47.8 | 54.6 | 47.8 | 51.0 | -3.2 |
| 17. | 04.50-04.55 | 47.1 | 53.6 | 47.1 | 51.3 | -4.2 |
| | 04.55-05.00 | 45.2 | 53.7 | 45.2 | 50.5 | -5.3 |
| | 05.00-05.05 | 43.7 | 52.6 | 43.7 | 50.6 | -6.9 |
| | 05.05-05.10 | 43.5 | 52.7 | 43.5 | 50.6 | -7.1 |
| | 05.10-05.15 | 43.7 | 52.3 | 43.7 | 49.6 | -5.9 |
| | 05.15-05.20 | 45.9 | 52.9 | 45.9 | 49.4 | -3.5 |
| | 05.20-05.25 | 48.6 | 53.4 | 48.6 | 49.0 | -0.4 |
| | 05.25-05.30 | 46.2 | 54.9 | 46.2 | 49.1 | -2.9 |
| | 05.30-05.35 | 47.7 | 51.6 | 47.7 | 49.2 | -1.5 |
| | 05.35-05.40 | 45.0 | 51.6 | 45.0 | 49.5 | -4.5 |
| 18. | 05.40-05.45 | 45.6 | 52.2 | 45.6 | 50.2 | -4.6 |
| | 05.45-05.50 | 45.5 | 55.7 | 45.5 | 50.7 | -5.2 |
| | 05.50-05.55 | 49.7 | 52.4 | 49.7 | 50.2 | -0.5 |
| | 05.55-06.00 | 49.2 | 53.2 | 49.2 | 51.0 | -1.8 |
| | 06.00-07.00 | 43.7 | 52.3 | 43.7 | 50.2 | -6.5 |
| | 07.00-08.00 | 50.1 | 51.2 | 50.1 | 48.9 | 1.2 |
| | 08.00-09.00 | 52.7 | 49.8 | 49.6 | 46.8 | 2.8 |
| | 09.00-10.00 | 47.6 | 49.7 | 47.6 | 46.4 | 1.2 |
| | 10.00-11.00 | 46.2 | 51.5 | 46.2 | 48.8 | -2.6 |
| | 11.00-12.00 | 50.6 | 52.5 | 50.6 | 48.9 | 1.7 |
| 24. | 12.00-13.00 | 52.1 | 53.0 | 52.1 | 50.5 | 1.6 |
| Standard ⁽¹⁾⁽²⁾ | | | | | | 10 |

Standard : ⁽¹⁾ Notification of the National Environment Board No. 29 (2007) (B.E. 2550)

⁽²⁾ Notification of the Ministry of Industry (2005) (B.E. 2548)

Pramual M.

Pramual Moonsarn



Wannasiri S.

Wannasiri Suriyawong

- REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY
- DO NOT COPY PARTIAL OF THIS ANALYSIS REPORT WITHOUT OFFICIAL APPROVAL



TEST REPORT

Customer Name : บริษัท ชิน เคอ หยวน จำกัด Report No. : 1658/2024/15-19
Project : โครงการโรงงานผลิตเหล็กแผ่น เหล็กรูปพรรณ และเหล็กกลวด Report Date : May 28, 2024
Address : 10/6 หมู่ 2 ตำบลตาสีห์ อำเภอลวกแดง Sampling Date : May 9-16, 2024
T. (033) 684 290-7 F. (033) 684 298-9 Type of Sample : เสียงรบกวน
Job No. : S670002/May

(15/1-3)

| Item | Time | Result (dB(A)) | | | | |
|----------------------------|-------------|--|----------------------------------|-------------------------|--------------------------------------|------------------|
| | | บ้านเขาชะง (N2) | | | | |
| | | ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq) | ระดับเสียงขณะไม่มีการรบกวน (Leq) | ระดับเสียงขณะมีการรบกวน | ระดับเสียงพื้นฐาน (L ₉₀) | ค่าระดับการรบกวน |
| | | 11-12/05/24 | 11-12/05/24 | - | 11-12/05/24 | - |
| 1. | 13.00-14.00 | 54.5 | 51.4 | 51.6 | 49.2 | 2.4 |
| 2. | 14.00-15.00 | 52.5 | 55.3 | 52.5 | 50.5 | 2.0 |
| 3. | 15.00-16.00 | 51.9 | 50.8 | 45.4 | 49.4 | -4.0 |
| 4. | 16.00-17.00 | 49.7 | 53.4 | 49.7 | 49.4 | 0.3 |
| 5. | 17.00-18.00 | 46.7 | 50.7 | 46.7 | 49.2 | -2.5 |
| 6. | 18.00-19.00 | 51.9 | 49.8 | 47.7 | 48.9 | -1.2 |
| 7. | 19.00-20.00 | 54.5 | 50.1 | 52.5 | 48.8 | 3.7 |
| 8. | 20.00-21.00 | 53.7 | 51.7 | 49.4 | 50.7 | -1.3 |
| 9. | 21.00-22.00 | 49.9 | 51.7 | 49.9 | 50.9 | -1.0 |
| 10. | 22.00-22.05 | 52.7 | 51.9 | 48.0 | 51.1 | -3.1 |
| | 22.05-22.10 | 53.2 | 51.9 | 50.3 | 51.1 | -0.8 |
| | 22.10-22.15 | 50.1 | 51.9 | 50.1 | 51.1 | -1.0 |
| | 22.15-22.20 | 52.1 | 51.9 | 41.6 | 51.1 | -9.5 |
| | 22.20-22.25 | 51.9 | 51.7 | 41.4 | 50.9 | -9.5 |
| | 22.25-22.30 | 50.2 | 51.8 | 50.2 | 50.9 | -0.7 |
| | 22.30-22.35 | 55.9 | 51.7 | 56.8 | 50.9 | 5.9 |
| | 22.35-22.40 | 54.2 | 51.8 | 53.5 | 51.0 | 2.5 |
| | 22.40-22.45 | 54.0 | 52.1 | 52.5 | 51.2 | 1.3 |
| | 22.45-22.50 | 52.4 | 52.2 | 41.9 | 51.3 | -9.4 |
| 11. | 22.50-22.55 | 52.1 | 52.1 | 52.1 | 51.3 | 0.8 |
| | 22.55-23.00 | 56.3 | 52.1 | 57.2 | 51.3 | 5.9 |
| | 23.00-23.05 | 54.4 | 52.2 | 53.4 | 51.4 | 2.0 |
| | 23.05-23.10 | 54.6 | 52.2 | 53.9 | 51.4 | 2.5 |
| | 23.10-23.15 | 51.6 | 52.3 | 51.6 | 51.4 | 0.2 |
| | 23.15-23.20 | 49.4 | 52.2 | 49.4 | 51.4 | -2.0 |
| | 23.20-23.25 | 50.1 | 51.8 | 50.1 | 49.2 | 0.9 |
| | 23.25-23.30 | 48.3 | 49.3 | 48.3 | 48.5 | -0.2 |
| | 23.30-23.35 | 50.0 | 49.4 | 44.1 | 48.5 | -4.4 |
| | 23.35-23.40 | 49.4 | 49.4 | 49.4 | 48.6 | 0.8 |
| | 23.40-23.45 | 47.4 | 49.6 | 47.4 | 48.8 | -1.4 |
| | 23.45-23.50 | 47.5 | 49.5 | 47.5 | 48.5 | -1.0 |
| | 23.50-23.55 | 47.4 | 49.5 | 47.4 | 48.6 | -1.2 |
| | 23.55-00.00 | 47.8 | 49.5 | 47.8 | 48.6 | -0.8 |
| Standard ⁽¹⁾⁽²⁾ | | | | | | 10 |

- REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY
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TEST REPORT

(15/2-3)

| Item | Time | Result (dB(A)) | | | | |
|----------------------------|-------------|--|----------------------------------|-------------------------|--------------------------------------|------------------|
| | | บ้านเฉลิมลาภ (N1) | | | | |
| | | ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq) | ระดับเสียงขณะไม่มีการรบกวน (Leq) | ระดับเสียงขณะมีการรบกวน | ระดับเสียงพื้นฐาน (L ₉₀) | ค่าระดับการรบกวน |
| | | 11-12/05/24 | 11-12/05/24 | - | 11-12/05/24 | - |
| 12. | 00.00-00.05 | 47.8 | 49.4 | 47.8 | 48.6 | -0.8 |
| | 00.05-00.10 | 52.6 | 49.3 | 52.9 | 48.5 | 4.4 |
| | 00.10-00.15 | 52.4 | 49.3 | 52.5 | 48.4 | 4.1 |
| | 00.15-00.20 | 46.8 | 49.4 | 46.8 | 48.5 | -1.7 |
| | 00.20-00.25 | 47.3 | 49.6 | 47.3 | 48.7 | -1.4 |
| | 00.25-00.30 | 49.5 | 49.6 | 49.5 | 48.7 | 0.8 |
| | 00.30-00.35 | 46.6 | 49.5 | 46.6 | 48.5 | -1.9 |
| | 00.35-00.40 | 43.7 | 49.5 | 43.7 | 48.5 | -4.8 |
| | 00.40-00.45 | 51.0 | 49.3 | 49.1 | 48.4 | 0.7 |
| | 00.45-00.50 | 54.8 | 50.0 | 56.1 | 49.0 | 7.0 |
| 13. | 00.50-00.55 | 48.8 | 50.6 | 48.8 | 49.8 | -1.0 |
| | 00.55-01.00 | 49.0 | 51.2 | 49.0 | 49.6 | -0.6 |
| | 01.00-01.05 | 50.3 | 50.5 | 50.3 | 49.6 | 0.7 |
| | 01.05-01.10 | 47.9 | 50.9 | 47.9 | 49.7 | -1.8 |
| | 01.10-01.15 | 50.2 | 51.2 | 50.2 | 49.9 | 0.3 |
| | 01.15-01.20 | 48.7 | 51.2 | 48.7 | 49.7 | -1.0 |
| | 01.20-01.25 | 49.7 | 50.5 | 49.7 | 49.6 | 0.1 |
| | 01.25-01.30 | 51.6 | 50.1 | 49.3 | 49.0 | 0.2 |
| | 01.30-01.35 | 49.5 | 50.0 | 49.5 | 48.9 | 0.6 |
| | 01.35-01.40 | 45.5 | 53.9 | 45.5 | 49.3 | -3.8 |
| 14. | 01.40-01.45 | 44.5 | 51.0 | 44.5 | 49.1 | -4.6 |
| | 01.45-01.50 | 49.2 | 52.4 | 49.2 | 49.4 | -0.2 |
| | 01.50-01.55 | 47.5 | 50.3 | 47.5 | 49.1 | -1.6 |
| | 01.55-02.00 | 47.9 | 50.3 | 47.9 | 49.1 | -1.2 |
| | 02.00-02.05 | 49.3 | 50.6 | 49.3 | 49.2 | 0.1 |
| | 02.05-02.10 | 48.3 | 50.3 | 48.3 | 49.2 | -0.9 |
| | 02.10-02.15 | 47.9 | 51.1 | 47.9 | 49.5 | -1.6 |
| | 02.15-02.20 | 46.2 | 52.0 | 46.2 | 49.4 | -3.2 |
| | 02.20-02.25 | 50.0 | 52.7 | 50.0 | 49.7 | 0.3 |
| | 02.25-02.30 | 47.8 | 52.9 | 47.8 | 49.5 | -1.7 |
| 15. | 02.30-02.35 | 49.8 | 51.4 | 49.8 | 49.6 | 0.2 |
| | 02.35-02.40 | 50.1 | 52.7 | 50.1 | 49.8 | 0.3 |
| | 02.40-02.45 | 46.6 | 52.3 | 46.6 | 49.4 | -2.8 |
| | 02.45-02.50 | 48.3 | 52.3 | 48.3 | 49.4 | -1.1 |
| | 02.50-02.55 | 54.7 | 56.6 | 54.7 | 49.8 | 4.9 |
| | 02.55-03.00 | 45.0 | 51.6 | 45.0 | 49.5 | -4.5 |
| | 03.00-03.05 | 46.8 | 52.1 | 46.8 | 49.3 | -2.5 |
| | 03.05-03.10 | 46.4 | 51.7 | 46.4 | 49.4 | -3.0 |
| | 03.10-03.15 | 52.3 | 51.8 | 45.7 | 49.3 | -3.6 |
| | 03.15-03.20 | 50.3 | 51.4 | 50.3 | 48.9 | 1.4 |
| | 03.20-03.25 | 52.9 | 50.9 | 51.6 | 48.6 | 3.0 |
| | 03.25-03.30 | 52.2 | 51.1 | 48.7 | 49.1 | -0.4 |
| | 03.30-03.35 | 53.3 | 51.1 | 52.3 | 49.0 | 3.3 |
| | 03.35-03.40 | 53.5 | 49.9 | 54.0 | 48.8 | 5.2 |
| | 03.40-03.45 | 55.4 | 50.3 | 56.8 | 49.1 | 7.7 |
| | 03.45-03.50 | 55.9 | 54.2 | 54.0 | 49.2 | 4.8 |
| | 03.50-03.55 | 51.2 | 51.8 | 51.2 | 48.9 | 2.3 |
| | 03.55-04.00 | 50.0 | 52.3 | 50.0 | 49.1 | 0.9 |
| Standard ⁽¹⁾⁽²⁾ | | | | | | 10 |

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TEST REPORT

(15/3-3)

| Item | Time | Result (dB(A)) | | | | |
|----------------------------|-------------|--|---------------------------------|------------------------|--------------------------------------|------------------|
| | | บ้านเฉลิมลาภ (N1) | | | | |
| | | ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq) | ระดับเสียงขณะไม่มีกรรบกวน (Leq) | ระดับเสียงขณะมีกรรบกวน | ระดับเสียงพื้นฐาน (L ₉₀) | ค่าระดับการรบกวน |
| | | 11-12/05/24 | 11-12/05/24 | - | 11-12/05/24 | - |
| 16. | 04.00-04.05 | 48.1 | 51.8 | 48.1 | 49.2 | -1.1 |
| | 04.05-04.10 | 49.8 | 50.4 | 49.8 | 48.8 | 1.0 |
| | 04.10-04.15 | 50.7 | 49.4 | 47.8 | 46.6 | 1.2 |
| | 04.15-04.20 | 53.7 | 49.2 | 54.8 | 46.9 | 7.9 |
| | 04.20-04.25 | 46.5 | 49.0 | 46.5 | 46.5 | 0.0 |
| | 04.25-04.30 | 46.7 | 54.6 | 46.7 | 42.7 | 4.0 |
| | 04.30-04.35 | 45.8 | 54.3 | 45.8 | 47.2 | -1.4 |
| | 04.35-04.40 | 53.4 | 54.0 | 53.4 | 47.7 | 5.7 |
| | 04.40-04.45 | 51.2 | 53.7 | 51.2 | 46.2 | 5.0 |
| | 04.45-04.50 | 46.3 | 53.4 | 46.3 | 50.7 | -4.4 |
| | 04.50-04.55 | 55.0 | 52.6 | 54.3 | 50.2 | 4.1 |
| | 04.55-05.00 | 54.2 | 52.2 | 52.9 | 50.3 | 2.6 |
| 17. | 05.00-05.05 | 54.0 | 52.3 | 52.1 | 50.3 | 1.8 |
| | 05.05-05.10 | 50.1 | 53.0 | 50.1 | 50.5 | -0.4 |
| | 05.10-05.15 | 56.1 | 52.6 | 56.5 | 50.8 | 5.7 |
| | 05.15-05.20 | 54.6 | 52.3 | 53.7 | 50.6 | 3.1 |
| | 05.20-05.25 | 54.3 | 52.4 | 52.8 | 50.7 | 2.1 |
| | 05.25-05.30 | 49.8 | 52.8 | 49.8 | 51.0 | -1.2 |
| | 05.30-05.35 | 44.8 | 52.6 | 44.8 | 51.2 | -6.4 |
| | 05.35-05.40 | 45.4 | 52.7 | 45.4 | 51.2 | -5.8 |
| | 05.40-05.45 | 45.3 | 52.5 | 45.3 | 50.9 | -5.6 |
| | 05.45-05.50 | 45.4 | 52.9 | 45.4 | 51.2 | -5.8 |
| | 05.50-05.55 | 44.9 | 52.7 | 44.9 | 51.2 | -6.3 |
| | 05.55-06.00 | 46.4 | 52.5 | 46.4 | 51.0 | -4.6 |
| 18. | 06.00-07.00 | 46.4 | 52.5 | 46.4 | 50.8 | -4.4 |
| 19. | 07.00-08.00 | 46.9 | 52.6 | 46.9 | 50.7 | -3.8 |
| 20. | 08.00-09.00 | 50.1 | 52.7 | 50.1 | 49.9 | 0.2 |
| 21. | 09.00-10.00 | 50.2 | 52.3 | 50.2 | 50.5 | -0.3 |
| 22. | 10.00-11.00 | 53.8 | 53.4 | 43.2 | 52.7 | -9.5 |
| 23. | 11.00-12.00 | 54.1 | 53.3 | 46.4 | 52.3 | -5.9 |
| 24. | 12.00-13.00 | 54.0 | 52.6 | 48.4 | 51.9 | -3.5 |
| Standard ⁽¹⁾⁽²⁾ | | | | | | 10 |

Standard : ⁽¹⁾ Notification of the National Environment Board No. 29 (2007) (B.E. 2550)

⁽²⁾ Notification of the Ministry of Industry (2005) (B.E. 2548)

Pramual M.

Pramual Moonsarn



Wannasiri S.

Wannasiri Suriyawong

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TEST REPORT

Customer Name : บริษัท จีน เคอ หยวน จำกัด Report No. : 1658/2024/16-19
Project : โครงการโรงงานผลิตเหล็กแผ่น เหล็กรูปพรรณ และเหล็กกลวด Report Date : May 28, 2024
Address : 10/6 หมู่ 2 ตำบลตาสีห์ อำเภอบลวกแดง Sampling Date : May 9-16, 2024
T. (033) 684 290-7 F. (033) 684 298-9 Type of Sample : เสียงรบกวน
Job No. : S670002/May

(16/1-3)

| Item | Time | Result (dB(A)) | | | | |
|----------------------------|-------------|--|---------------------------------|------------------------|--------------------------------------|------------------|
| | | บ้านเขาระดัง (N2) | | | | |
| | | ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq) | ระดับเสียงขณะไม่มีกรรบกวน (Leq) | ระดับเสียงขณะมีกรรบกวน | ระดับเสียงพื้นฐาน (L ₉₀) | ค่าระดับการรบกวน |
| | | 12-13/05/24 | 12-13/05/24 | - | 12-13/05/24 | - |
| 1. | 13.00-14.00 | 58.5 | 52.4 | 57.3 | 51.0 | 6.3 |
| 2. | 14.00-15.00 | 58.6 | 53.8 | 56.9 | 52.4 | 4.4 |
| 3. | 15.00-16.00 | 60.3 | 51.6 | 59.7 | 48.6 | 11.1 |
| 4. | 16.00-17.00 | 56.2 | 50.0 | 55.0 | 48.4 | 6.6 |
| 5. | 17.00-18.00 | 50.5 | 49.4 | 44.0 | 47.8 | -3.8 |
| 6. | 18.00-19.00 | 51.8 | 50.4 | 46.2 | 49.4 | -3.2 |
| 7. | 19.00-20.00 | 47.2 | 51.2 | 47.2 | 49.2 | -2.0 |
| 8. | 20.00-21.00 | 48.3 | 52.5 | 48.3 | 49.3 | -1.0 |
| 9. | 21.00-22.00 | 47.5 | 52.3 | 47.5 | 49.9 | -2.4 |
| 10. | 22.00-22.05 | 45.9 | 50.6 | 45.9 | 49.9 | -4.0 |
| | 22.05-22.10 | 48.3 | 50.7 | 48.3 | 49.9 | -1.6 |
| | 22.10-22.15 | 50.2 | 50.4 | 50.2 | 49.6 | 0.6 |
| | 22.15-22.20 | 46.7 | 50.4 | 46.7 | 49.8 | -3.1 |
| | 22.20-22.25 | 47.7 | 50.3 | 47.7 | 49.7 | -2.0 |
| | 22.25-22.30 | 47.7 | 50.4 | 47.7 | 49.6 | -1.9 |
| | 22.30-22.35 | 45.9 | 50.0 | 45.9 | 49.4 | -3.5 |
| | 22.35-22.40 | 45.6 | 50.9 | 45.6 | 49.9 | -4.3 |
| | 22.40-22.45 | 47.5 | 50.5 | 47.5 | 49.7 | -2.2 |
| | 22.45-22.50 | 46.5 | 50.9 | 46.5 | 49.7 | -3.2 |
| 11. | 22.50-22.55 | 45.2 | 50.5 | 45.2 | 49.6 | -4.4 |
| | 22.55-23.00 | 45.2 | 50.3 | 45.2 | 49.6 | -4.4 |
| | 23.00-23.05 | 45.8 | 49.9 | 45.8 | 49.3 | -3.5 |
| | 23.05-23.10 | 46.8 | 50.4 | 46.8 | 49.5 | -2.7 |
| | 23.10-23.15 | 47.2 | 52.1 | 47.2 | 50.6 | -3.4 |
| | 23.15-23.20 | 47.9 | 53.1 | 47.9 | 51.9 | -4.0 |
| | 23.20-23.25 | 46.3 | 54.0 | 46.3 | 52.4 | -6.1 |
| | 23.25-23.30 | 45.5 | 53.0 | 45.5 | 51.2 | -5.7 |
| | 23.30-23.35 | 44.3 | 53.4 | 44.3 | 50.9 | -6.6 |
| | 23.35-23.40 | 45.9 | 51.9 | 45.9 | 48.7 | -2.8 |
| | 23.40-23.45 | 43.9 | 51.1 | 43.9 | 48.4 | -4.5 |
| | 23.45-23.50 | 45.3 | 51.4 | 45.3 | 48.7 | -3.4 |
| | 23.50-23.55 | 45.2 | 50.7 | 45.2 | 48.3 | -3.1 |
| | 23.55-00.00 | 44.8 | 50.3 | 44.8 | 47.4 | -2.6 |
| Standard ⁽¹⁾⁽²⁾ | | | | | | 10 |

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TEST REPORT

(16/2-3)

| Item | Time | Result (dB(A)) | | | | |
|----------------------------|-------------|--|----------------------------------|-------------------------|--------------------------------------|------------------|
| | | บ้านเขาระวัง (N2) | | | | |
| | | ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq) | ระดับเสียงขณะไม่มีการรบกวน (Leq) | ระดับเสียงขณะมีการรบกวน | ระดับเสียงพื้นฐาน (L ₉₀) | ค่าระดับการรบกวน |
| | | 12-13/05/24 | 12-13/05/24 | - | 12-13/05/24 | - |
| 12. | 00.00-00.05 | 46.2 | 49.5 | 46.2 | 47.2 | -1.0 |
| | 00.05-00.10 | 46.0 | 48.8 | 46.0 | 47.2 | -1.2 |
| | 00.10-00.15 | 43.4 | 49.0 | 43.4 | 47.2 | -3.8 |
| | 00.15-00.20 | 43.5 | 47.9 | 43.5 | 46.8 | -3.3 |
| | 00.20-00.25 | 45.2 | 48.4 | 45.2 | 47.0 | -1.8 |
| | 00.25-00.30 | 47.9 | 48.3 | 47.9 | 47.0 | 0.9 |
| | 00.30-00.35 | 43.3 | 49.0 | 43.3 | 47.2 | -3.9 |
| | 00.35-00.40 | 46.4 | 50.0 | 46.4 | 48.4 | -2.0 |
| | 00.40-00.45 | 47.9 | 50.4 | 47.9 | 48.6 | -0.7 |
| | 00.45-00.50 | 46.0 | 51.0 | 46.0 | 48.7 | -2.7 |
| 13. | 00.50-00.55 | 46.7 | 50.8 | 46.7 | 49.1 | -2.4 |
| | 00.55-01.00 | 48.1 | 50.1 | 48.1 | 48.1 | 0.0 |
| | 01.00-01.05 | 47.3 | 48.8 | 47.3 | 47.5 | -0.2 |
| | 01.05-01.10 | 44.8 | 48.3 | 44.8 | 46.9 | -2.1 |
| | 01.10-01.15 | 45.0 | 49.1 | 45.0 | 47.4 | -2.4 |
| | 01.15-01.20 | 45.1 | 49.2 | 45.1 | 47.3 | -2.2 |
| | 01.20-01.25 | 48.4 | 50.2 | 48.4 | 48.0 | 0.4 |
| | 01.25-01.30 | 48.1 | 50.0 | 48.1 | 48.2 | -0.1 |
| | 01.30-01.35 | 47.3 | 49.2 | 47.3 | 46.7 | 0.6 |
| | 01.35-01.40 | 44.1 | 48.3 | 44.1 | 46.4 | -2.3 |
| 14. | 01.40-01.45 | 44.2 | 48.1 | 44.2 | 46.3 | -2.1 |
| | 01.45-01.50 | 43.7 | 48.1 | 43.7 | 46.3 | -2.6 |
| | 01.50-01.55 | 43.8 | 49.6 | 43.8 | 47.2 | -3.4 |
| | 01.55-02.00 | 44.3 | 49.6 | 44.3 | 47.5 | -3.2 |
| | 02.00-02.05 | 44.8 | 49.5 | 44.8 | 46.6 | -1.8 |
| | 02.05-02.10 | 44.7 | 49.5 | 44.7 | 46.8 | -2.1 |
| | 02.10-02.15 | 45.2 | 50.7 | 45.2 | 48.4 | -3.2 |
| | 02.15-02.20 | 44.2 | 50.3 | 44.2 | 48.3 | -4.1 |
| | 02.20-02.25 | 45.3 | 49.8 | 45.3 | 47.6 | -2.3 |
| | 02.25-02.30 | 45.5 | 49.4 | 45.5 | 47.3 | -1.8 |
| 15. | 02.30-02.35 | 44.5 | 51.1 | 44.5 | 49.2 | -4.7 |
| | 02.35-02.40 | 44.4 | 50.8 | 44.4 | 48.5 | -4.1 |
| | 02.40-02.45 | 44.2 | 50.9 | 44.2 | 48.7 | -4.5 |
| | 02.45-02.50 | 46.5 | 55.1 | 46.5 | 54.2 | -7.7 |
| | 02.50-02.55 | 43.5 | 55.1 | 43.5 | 54.3 | -10.8 |
| | 02.55-03.00 | 46.7 | 55.1 | 46.7 | 54.3 | -7.6 |
| | 03.00-03.05 | 49.8 | 54.9 | 49.8 | 54.0 | -4.2 |
| | 03.05-03.10 | 45.1 | 54.5 | 45.1 | 53.5 | -8.4 |
| | 03.10-03.15 | 48.9 | 54.4 | 48.9 | 53.6 | -4.7 |
| | 03.15-03.20 | 48.3 | 54.5 | 48.3 | 53.7 | -5.4 |
| | 03.20-03.25 | 44.4 | 54.2 | 44.4 | 53.1 | -8.7 |
| | 03.25-03.30 | 43.3 | 54.9 | 43.3 | 53.4 | -10.1 |
| | 03.30-03.35 | 44.4 | 54.6 | 44.4 | 53.5 | -9.1 |
| | 03.35-03.40 | 43.3 | 54.3 | 43.3 | 53.4 | -10.1 |
| | 03.40-03.45 | 42.8 | 54.2 | 42.8 | 53.3 | -10.5 |
| | 03.45-03.50 | 42.7 | 54.2 | 42.7 | 53.2 | -10.5 |
| | 03.50-03.55 | 42.6 | 54.5 | 42.6 | 53.4 | -10.8 |
| | 03.55-04.00 | 41.2 | 54.5 | 41.2 | 53.5 | -12.3 |
| Standard ⁽¹⁾⁽²⁾ | | | | | | 10 |

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TEST REPORT

(16/3-3)

| Item | Time | Result (dB(A)) | | | | |
|----------------------------|-------------|--|----------------------------------|-------------------------|--------------------------------------|------------------|
| | | บ้านเขาพระฝาง (N2) | | | | |
| | | ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq) | ระดับเสียงขณะไม่มีการรบกวน (Leq) | ระดับเสียงขณะมีการรบกวน | ระดับเสียงพื้นฐาน (L ₉₀) | ค่าระดับการรบกวน |
| | | 12-13/05/24 | 12-13/05/24 | - | 12-13/05/24 | - |
| 16. | 04.00-04.05 | 45.7 | 54.6 | 45.7 | 53.8 | -8.1 |
| | 04.05-04.10 | 44.0 | 54.4 | 44.0 | 53.5 | -9.5 |
| | 04.10-04.15 | 45.7 | 54.4 | 45.7 | 53.6 | -7.9 |
| | 04.15-04.20 | 47.5 | 54.4 | 47.5 | 53.6 | -6.1 |
| | 04.20-04.25 | 44.5 | 54.5 | 44.5 | 53.8 | -9.3 |
| | 04.25-04.30 | 44.2 | 54.1 | 44.2 | 53.1 | -8.9 |
| | 04.30-04.35 | 48.0 | 54.4 | 48.0 | 53.1 | -5.1 |
| | 04.35-04.40 | 46.7 | 54.4 | 46.7 | 53.4 | -6.7 |
| | 04.40-04.45 | 46.7 | 54.4 | 46.7 | 53.4 | -6.7 |
| | 04.45-04.50 | 48.1 | 54.3 | 48.1 | 53.3 | -5.2 |
| 17. | 04.50-04.55 | 46.6 | 54.1 | 46.6 | 53.0 | -6.4 |
| | 04.55-05.00 | 45.7 | 53.9 | 45.7 | 52.9 | -7.2 |
| | 05.00-05.05 | 45.2 | 54.2 | 45.2 | 53.2 | -8.0 |
| | 05.05-05.10 | 49.7 | 54.5 | 49.7 | 53.2 | -3.5 |
| | 05.10-05.15 | 49.6 | 54.1 | 49.6 | 53.0 | -3.4 |
| | 05.15-05.20 | 49.2 | 54.0 | 49.2 | 52.9 | -3.7 |
| | 05.20-05.25 | 49.4 | 54.2 | 49.4 | 53.1 | -3.7 |
| | 05.25-05.30 | 50.9 | 54.0 | 50.9 | 52.8 | -1.9 |
| | 05.30-05.35 | 48.8 | 54.2 | 48.8 | 52.8 | -4.0 |
| | 05.35-05.40 | 48.6 | 53.9 | 48.6 | 52.8 | -4.2 |
| 18. | 05.40-05.45 | 52.7 | 53.8 | 52.7 | 52.7 | 0.0 |
| | 05.45-05.50 | 55.4 | 53.8 | 53.3 | 52.7 | 0.6 |
| | 05.50-05.55 | 54.4 | 53.6 | 49.7 | 52.3 | -2.6 |
| | 05.55-06.00 | 51.9 | 53.9 | 51.9 | 52.3 | -0.4 |
| | 06.00-07.00 | 56.5 | 54.8 | 51.6 | 50.6 | 1.0 |
| | 07.00-08.00 | 56.1 | 54.5 | 51.0 | 49.9 | 1.1 |
| | 08.00-09.00 | 57.0 | 56.4 | 48.1 | 46.3 | 1.8 |
| | 09.00-10.00 | 57.4 | 52.0 | 55.9 | 47.5 | 8.4 |
| | 10.00-11.00 | 56.0 | 54.8 | 49.8 | 48.4 | 1.4 |
| | 11.00-12.00 | 55.7 | 54.9 | 48.0 | 48.1 | -0.1 |
| 24. | 12.00-13.00 | 54.6 | 53.4 | 48.4 | 46.9 | 1.5 |
| Standard ⁽¹⁾⁽²⁾ | | | | | | 10 |

Standard : ⁽¹⁾ Notification of the National Environment Board No. 29 (2007) (B.E. 2550)

⁽²⁾ Notification of the Ministry of Industry (2005) (B.E. 2548)

Pramual M.

Pramual Moonsarn



Wannasiri S.

Wannasiri Suriyawong

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1/6 ซอยรามคำแหง 145 แขวงสะพานสูง เขตสะพานสูง กรุงเทพมหานคร 10240

Tel : 0-2373-7799 (Auto) Fax : 0-2373-7979

TEST REPORT

Customer Name : บริษัท ชิน เคอ หยวน จำกัด Report No. : 1658/2024/17-19
Project : โครงการโรงงานผลิตเหล็กแผ่น เหล็กรูปพรรณ และเหล็กกลวด Report Date : May 28, 2024
Address : 10/6 หมู่ 2 ตำบลตาสีห์ อำเภอลวกแดง Sampling Date : May 9-16, 2024
T. (033) 684 290-7 F. (033) 684 298-9 Type of Sample : เสียงรบกวน
Job No. : S670002/May

(17/1-3)

| Item | Time | Result (dB(A)) | | | | |
|----------------------------|-------------|--|---------------------------------|------------------------|--------------------------------------|------------------|
| | | บ้านเขาระวัง (N2) | | | | |
| | | ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq) | ระดับเสียงขณะไม่มีกรรบกวน (Leq) | ระดับเสียงขณะมีกรรบกวน | ระดับเสียงพื้นฐาน (L ₉₀) | ค่าระดับการรบกวน |
| | | 13-14/05/24 | 13-14/05/24 | - | 13-14/05/24 | - |
| 1. | 13.00-14.00 | 54.5 | 53.3 | 48.3 | 48.5 | -0.2 |
| 2. | 14.00-15.00 | 54.6 | 53.4 | 48.4 | 43.5 | 4.9 |
| 3. | 15.00-16.00 | 56.7 | 52.4 | 54.7 | 41.1 | 13.6 |
| 4. | 16.00-17.00 | 54.7 | 47.2 | 53.8 | 41.9 | 12.0 |
| 5. | 17.00-18.00 | 50.4 | 47.8 | 46.9 | 43.6 | 3.3 |
| 6. | 18.00-19.00 | 51.9 | 47.5 | 49.9 | 42.0 | 7.9 |
| 7. | 19.00-20.00 | 48.3 | 49.1 | 48.3 | 41.2 | 7.1 |
| 8. | 20.00-21.00 | 48.3 | 47.5 | 40.6 | 41.8 | -1.2 |
| 9. | 21.00-22.00 | 48.0 | 46.0 | 43.7 | 41.6 | 2.1 |
| 10. | 22.00-22.05 | 47.9 | 50.6 | 47.9 | 41.9 | 6.0 |
| | 22.05-22.10 | 48.3 | 46.4 | 46.8 | 41.7 | 5.1 |
| | 22.10-22.15 | 50.5 | 44.4 | 52.3 | 38.0 | 14.3 |
| | 22.15-22.20 | 47.8 | 41.8 | 49.5 | 36.9 | 12.6 |
| | 22.20-22.25 | 48.4 | 47.0 | 45.8 | 37.8 | 8.0 |
| | 22.25-22.30 | 50.3 | 45.3 | 51.6 | 39.2 | 12.4 |
| | 22.30-22.35 | 46.1 | 46.7 | 46.1 | 39.9 | 6.2 |
| | 22.35-22.40 | 47.7 | 44.6 | 47.8 | 39.1 | 8.7 |
| | 22.40-22.45 | 47.3 | 45.7 | 45.2 | 39.2 | 6.0 |
| | 22.45-22.50 | 47.9 | 45.7 | 46.9 | 39.0 | 7.9 |
| | 22.50-22.55 | 47.6 | 44.9 | 47.3 | 39.8 | 7.5 |
| | 22.55-23.00 | 45.4 | 42.8 | 44.9 | 35.8 | 9.1 |
| 11. | 23.00-23.05 | 49.1 | 44.5 | 50.3 | 38.4 | 11.8 |
| | 23.05-23.10 | 44.2 | 44.4 | 44.2 | 39.8 | 4.4 |
| | 23.10-23.15 | 47.5 | 43.9 | 48.0 | 40.2 | 7.8 |
| | 23.15-23.20 | 48.4 | 42.3 | 50.2 | 38.8 | 11.4 |
| | 23.20-23.25 | 45.7 | 46.1 | 45.7 | 38.9 | 6.8 |
| | 23.25-23.30 | 45.1 | 47.5 | 45.1 | 40.8 | 4.3 |
| | 23.30-23.35 | 44.6 | 46.5 | 44.6 | 41.0 | 3.6 |
| | 23.35-23.40 | 48.2 | 47.6 | 42.3 | 34.9 | 7.4 |
| | 23.40-23.45 | 45.2 | 43.3 | 43.7 | 36.1 | 7.6 |
| | 23.45-23.50 | 44.4 | 44.2 | 33.9 | 37.6 | -3.7 |
| | 23.50-23.55 | 45.4 | 45.0 | 37.8 | 40.0 | -2.2 |
| | 23.55-00.00 | 44.7 | 45.5 | 44.7 | 39.8 | 4.9 |
| Standard ⁽¹⁾⁽²⁾ | | | | | | 10 |

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TEST REPORT

(17/2-3)

| Item | Time | Result (dB(A)) | | | | |
|----------------------------|-------------|--|----------------------------------|-------------------------|--------------------------------------|------------------|
| | | บ้านเขาระฆัง (N2) | | | | |
| | | ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq) | ระดับเสียงขณะไม่มีการรบกวน (Leq) | ระดับเสียงขณะมีการรบกวน | ระดับเสียงพื้นฐาน (L ₉₀) | ค่าระดับการรบกวน |
| | | 13-14/05/24 | 13-14/05/24 | - | 13-14/05/24 | - |
| 12. | 00.00-00.05 | 45.6 | 46.6 | 45.6 | 40.2 | 5.4 |
| | 00.05-00.10 | 43.2 | 46.5 | 43.2 | 39.2 | 4.0 |
| | 00.10-00.15 | 45.5 | 45.9 | 45.5 | 39.5 | 6.0 |
| | 00.15-00.20 | 44.2 | 49.8 | 44.2 | 41.6 | 2.6 |
| | 00.20-00.25 | 45.2 | 42.0 | 45.4 | 39.4 | 6.0 |
| | 00.25-00.30 | 47.4 | 46.7 | 42.1 | 40.8 | 1.3 |
| | 00.30-00.35 | 46.3 | 47.7 | 46.3 | 41.4 | 4.9 |
| | 00.35-00.40 | 45.0 | 50.7 | 45.0 | 40.9 | 4.1 |
| | 00.40-00.45 | 46.0 | 49.1 | 46.0 | 40.2 | 5.8 |
| | 00.45-00.50 | 48.0 | 49.1 | 48.0 | 40.9 | 7.1 |
| 13. | 00.50-00.55 | 44.1 | 47.0 | 44.1 | 39.3 | 4.8 |
| | 00.55-01.00 | 46.3 | 51.4 | 46.3 | 39.7 | 6.6 |
| | 01.00-01.05 | 46.7 | 48.4 | 46.7 | 39.2 | 7.5 |
| | 01.05-01.10 | 45.8 | 51.0 | 45.8 | 38.1 | 7.7 |
| | 01.10-01.15 | 46.7 | 65.5 | 46.7 | 40.5 | 6.2 |
| | 01.15-01.20 | 45.0 | 49.7 | 45.0 | 39.2 | 5.8 |
| | 01.20-01.25 | 46.3 | 59.0 | 46.3 | 41.9 | 4.4 |
| | 01.25-01.30 | 47.2 | 56.6 | 47.2 | 43.8 | 3.4 |
| | 01.30-01.35 | 46.0 | 51.6 | 46.0 | 40.9 | 5.1 |
| | 01.35-01.40 | 45.7 | 51.0 | 45.7 | 40.3 | 5.4 |
| 14. | 01.40-01.45 | 48.0 | 53.4 | 48.0 | 40.2 | 7.8 |
| | 01.45-01.50 | 45.5 | 52.0 | 45.5 | 46.0 | -0.5 |
| | 01.50-01.55 | 47.8 | 54.1 | 47.8 | 49.8 | -2.0 |
| | 01.55-02.00 | 48.0 | 55.7 | 48.0 | 51.3 | -3.3 |
| | 02.00-02.05 | 47.2 | 54.6 | 47.2 | 50.6 | -3.4 |
| | 02.05-02.10 | 46.0 | 53.2 | 46.0 | 49.8 | -3.8 |
| | 02.10-02.15 | 44.6 | 55.2 | 44.6 | 50.6 | -6.0 |
| | 02.15-02.20 | 44.9 | 53.0 | 44.9 | 48.9 | -4.0 |
| | 02.20-02.25 | 44.9 | 54.6 | 44.9 | 49.7 | -4.8 |
| | 02.25-02.30 | 45.4 | 54.3 | 45.4 | 49.2 | -3.8 |
| 15. | 02.30-02.35 | 44.5 | 53.5 | 44.5 | 47.7 | -3.2 |
| | 02.35-02.40 | 44.2 | 53.4 | 44.2 | 50.1 | -5.9 |
| | 02.40-02.45 | 45.9 | 54.9 | 45.9 | 49.3 | -3.4 |
| | 02.45-02.50 | 44.2 | 52.2 | 44.2 | 48.0 | -3.8 |
| | 02.50-02.55 | 44.0 | 53.5 | 44.0 | 47.7 | -3.7 |
| | 02.55-03.00 | 46.6 | 54.6 | 46.6 | 48.6 | -2.0 |
| | 03.00-03.05 | 49.2 | 60.3 | 49.2 | 50.1 | -0.9 |
| | 03.05-03.10 | 43.2 | 62.7 | 43.2 | 51.4 | -8.2 |
| | 03.10-03.15 | 43.8 | 57.5 | 43.8 | 49.0 | -5.2 |
| | 03.15-03.20 | 45.8 | 53.2 | 45.8 | 48.6 | -2.8 |
| | 03.20-03.25 | 45.1 | 59.6 | 45.1 | 49.1 | -4.0 |
| | 03.25-03.30 | 46.2 | 58.0 | 46.2 | 50.8 | -4.6 |
| | 03.30-03.35 | 46.6 | 56.4 | 46.6 | 51.1 | -4.5 |
| | 03.35-03.40 | 47.4 | 55.4 | 47.4 | 51.7 | -4.3 |
| | 03.40-03.45 | 45.8 | 54.3 | 45.8 | 51.4 | -5.6 |
| | 03.45-03.50 | 45.1 | 54.8 | 45.1 | 51.7 | -6.6 |
| | 03.50-03.55 | 45.5 | 56.3 | 45.5 | 51.1 | -5.6 |
| | 03.55-04.00 | 46.3 | 54.9 | 46.3 | 51.4 | -5.1 |
| Standard ⁽¹⁾⁽²⁾ | | | | | | 10 |



TEST REPORT

(17/3-3)

| Item | Time | Result (dB(A)) | | | | |
|----------------------------|-------------|--|----------------------------------|-------------------------|--------------------------------------|------------------|
| | | บ้านเขาระวัง (N2) | | | | |
| | | ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq) | ระดับเสียงขณะไม่มีการรบกวน (Leq) | ระดับเสียงขณะมีการรบกวน | ระดับเสียงพื้นฐาน (L ₉₀) | ค่าระดับการรบกวน |
| | | 13-14/05/24 | 13-14/05/24 | - | 13-14/05/24 | - |
| 16. | 04.00-04.05 | 46.8 | 55.3 | 46.8 | 49.5 | -2.7 |
| | 04.05-04.10 | 46.5 | 55.4 | 46.5 | 51.4 | -4.9 |
| | 04.10-04.15 | 49.3 | 54.7 | 49.3 | 49.4 | -0.1 |
| | 04.15-04.20 | 46.2 | 55.5 | 46.2 | 50.7 | -4.5 |
| | 04.20-04.25 | 47.1 | 57.6 | 47.1 | 50.6 | -3.5 |
| | 04.25-04.30 | 49.2 | 58.8 | 49.2 | 50.5 | -1.3 |
| | 04.30-04.35 | 48.6 | 62.0 | 48.6 | 50.4 | -1.8 |
| | 04.35-04.40 | 49.6 | 53.2 | 49.6 | 49.4 | 0.2 |
| | 04.40-04.45 | 48.2 | 53.6 | 48.2 | 50.0 | -1.8 |
| | 04.45-04.50 | 49.0 | 59.9 | 49.0 | 50.3 | -1.3 |
| 17. | 04.50-04.55 | 49.5 | 55.6 | 49.5 | 52.3 | -2.8 |
| | 04.55-05.00 | 48.6 | 63.2 | 48.6 | 51.8 | -3.2 |
| | 05.00-05.05 | 49.0 | 60.6 | 49.0 | 51.4 | -2.4 |
| | 05.05-05.10 | 48.2 | 55.1 | 48.2 | 50.9 | -2.7 |
| | 05.10-05.15 | 52.8 | 55.5 | 52.8 | 52.1 | 0.7 |
| | 05.15-05.20 | 58.4 | 57.9 | 51.8 | 51.1 | 0.7 |
| | 05.20-05.25 | 59.1 | 60.1 | 59.1 | 52.7 | 6.4 |
| | 05.25-05.30 | 61.5 | 57.5 | 62.3 | 50.2 | 12.1 |
| | 05.30-05.35 | 63.0 | 53.9 | 65.4 | 49.8 | 15.6 |
| | 05.35-05.40 | 53.6 | 55.4 | 53.6 | 51.3 | 2.3 |
| 18. | 05.40-05.45 | 48.3 | 55.0 | 48.3 | 52.3 | -4.0 |
| | 05.45-05.50 | 53.8 | 53.5 | 45.0 | 50.0 | -5.0 |
| | 05.50-05.55 | 53.9 | 53.5 | 46.3 | 48.0 | -1.7 |
| | 05.55-06.00 | 51.2 | 53.1 | 51.2 | 49.3 | 1.9 |
| | 06.00-07.00 | 49.8 | 55.0 | 49.8 | 49.5 | 0.3 |
| | 07.00-08.00 | 52.0 | 55.5 | 52.0 | 47.8 | 4.2 |
| | 08.00-09.00 | 52.6 | 51.1 | 47.3 | 46.0 | 1.2 |
| | 09.00-10.00 | 57.2 | 53.4 | 54.9 | 46.2 | 8.7 |
| | 10.00-11.00 | 52.8 | 50.7 | 48.6 | 45.0 | 3.6 |
| | 11.00-12.00 | 51.5 | 53.0 | 51.5 | 47.1 | 4.4 |
| 24. | 12.00-13.00 | 52.4 | 55.1 | 52.4 | 49.3 | 3.1 |
| Standard ⁽¹⁾⁽²⁾ | | | | | | 10 |

Standard : ⁽¹⁾ Notification of the National Environment Board No. 29 (2007) (B.E. 2550)

⁽²⁾ Notification of the Ministry of Industry (2005) (B.E. 2548)

Pramual M.

Pramual Moonsarn



Wannasiri S.

Wannasiri Suriyawong

- REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY
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TEST REPORT

Customer Name : บริษัท จีน เคอ หยวน จำกัด Report No. : 1658/2024/18-19
Project : โครงการโรงงานผลิตเหล็กแผ่น เหล็กรูปพรรณ และเหล็กถด Report Date : May 28, 2024
Address : 10/6 หมู่ 2 ตำบลตาสีห์ อำเภอลวกแดง Sampling Date : May 9-16, 2024
T. (033) 684 290-7 F. (033) 684 298-9 Type of Sample : เสียงรบกวน
Job No. : S670002/May

(18/1-3)

| Item | Time | Result (dB(A)) | | | | |
|------|----------------------------|--|----------------------------------|-------------------------|--------------------------------------|------------------|
| | | บ้านเขาระวัง (N2) | | | | |
| | | ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq) | ระดับเสียงขณะไม่มีการรบกวน (Leq) | ระดับเสียงขณะมีการรบกวน | ระดับเสียงพื้นฐาน (L ₉₀) | ค่าระดับการรบกวน |
| | | 14-15/05/24 | 14-15/05/24 | - | 14-15/05/24 | - |
| 1. | 13.00-14.00 | 56.3 | 53.7 | 52.8 | 49.0 | 3.8 |
| 2. | 14.00-15.00 | 53.5 | 50.4 | 50.6 | 42.8 | 7.8 |
| 3. | 15.00-16.00 | 53.3 | 48.9 | 51.3 | 41.5 | 9.8 |
| 4. | 16.00-17.00 | 51.7 | 50.0 | 46.8 | 43.5 | 3.3 |
| 5. | 17.00-18.00 | 52.8 | 50.1 | 49.5 | 45.4 | 4.1 |
| 6. | 18.00-19.00 | 46.9 | 49.0 | 46.9 | 43.4 | 3.5 |
| 7. | 19.00-20.00 | 47.3 | 45.8 | 42.0 | 38.6 | 3.4 |
| 8. | 20.00-21.00 | 51.6 | 46.9 | 49.8 | 38.8 | 11.0 |
| 9. | 21.00-22.00 | 53.8 | 46.7 | 52.9 | 41.2 | 11.7 |
| 10. | 22.00-22.05 | 52.8 | 48.4 | 53.8 | 44.7 | 9.1 |
| | 22.05-22.10 | 50.3 | 47.5 | 50.1 | 40.5 | 9.6 |
| | 22.10-22.15 | 51.3 | 48.8 | 50.7 | 42.0 | 8.7 |
| | 22.15-22.20 | 51.9 | 46.6 | 53.4 | 42.2 | 11.2 |
| | 22.20-22.25 | 49.3 | 49.2 | 35.9 | 41.7 | -5.8 |
| | 22.25-22.30 | 47.9 | 45.0 | 47.8 | 40.6 | 7.2 |
| | 22.30-22.35 | 49.1 | 47.0 | 47.9 | 41.6 | 6.3 |
| | 22.35-22.40 | 44.8 | 47.2 | 44.8 | 41.3 | 3.5 |
| | 22.40-22.45 | 47.1 | 47.5 | 47.1 | 42.1 | 5.0 |
| | 22.45-22.50 | 53.2 | 45.1 | 55.5 | 42.2 | 13.3 |
| | 22.50-22.55 | 52.2 | 44.9 | 54.3 | 43.9 | 10.4 |
| | 22.55-23.00 | 52.8 | 45.7 | 54.9 | 42.7 | 12.2 |
| | 23.00-23.05 | 50.8 | 46.9 | 51.5 | 43.8 | 7.7 |
| | 23.05-23.10 | 50.3 | 41.1 | 52.7 | 39.4 | 13.3 |
| | 23.10-23.15 | 48.1 | 47.6 | 41.5 | 40.1 | 1.4 |
| 11. | 23.15-23.20 | 51.6 | 47.6 | 52.4 | 42.1 | 10.3 |
| | 23.20-23.25 | 48.6 | 44.7 | 49.3 | 41.2 | 8.1 |
| | 23.25-23.30 | 51.2 | 49.6 | 49.1 | 41.4 | 7.7 |
| | 23.30-23.35 | 52.1 | 48.2 | 52.8 | 43.1 | 9.7 |
| | 23.35-23.40 | 54.2 | 46.4 | 56.4 | 42.7 | 13.7 |
| | 23.40-23.45 | 53.3 | 46.7 | 55.2 | 46.5 | 8.7 |
| | 23.45-23.50 | 49.2 | 46.8 | 48.5 | 42.1 | 6.4 |
| | 23.50-23.55 | 48.7 | 47.6 | 45.2 | 42.5 | 2.7 |
| | 23.55-00.00 | 50.6 | 47.4 | 50.8 | 42.4 | 8.4 |
| | Standard ⁽¹⁾⁽²⁾ | | | | | 10 |

- REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY
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TEST REPORT

(18/2-3)

| Item | Time | Result (dB(A)) | | | | |
|----------------------------|-------------|--|----------------------------------|-------------------------|--------------------------------------|------------------|
| | | บ้านเขาระวัง (N2) | | | | |
| | | ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq) | ระดับเสียงขณะไม่มีการรบกวน (Leq) | ระดับเสียงขณะมีการรบกวน | ระดับเสียงพื้นฐาน (L ₉₀) | ค่าระดับการรบกวน |
| | | 14-15/05/24 | 14-15/05/24 | - | 14-15/05/24 | - |
| 12. | 00.00-00.05 | 49.1 | 51.0 | 49.1 | 40.3 | 8.8 |
| | 00.05-00.10 | 52.1 | 43.5 | 54.5 | 42.1 | 12.4 |
| | 00.10-00.15 | 51.6 | 54.0 | 51.6 | 45.1 | 6.5 |
| | 00.15-00.20 | 49.7 | 47.7 | 48.4 | 41.9 | 6.5 |
| | 00.20-00.25 | 51.5 | 48.9 | 51.0 | 42.2 | 8.8 |
| | 00.25-00.30 | 50.3 | 50.3 | 50.3 | 43.3 | 7.0 |
| | 00.30-00.35 | 48.1 | 48.0 | 34.7 | 41.6 | -6.9 |
| | 00.35-00.40 | 49.1 | 48.6 | 42.5 | 42.6 | -0.1 |
| | 00.40-00.45 | 46.6 | 49.1 | 46.6 | 43.1 | 3.5 |
| | 00.45-00.50 | 50.6 | 48.7 | 49.1 | 43.1 | 6.0 |
| 13. | 00.50-00.55 | 53.5 | 51.0 | 52.9 | 45.9 | 7.0 |
| | 00.55-01.00 | 52.1 | 54.3 | 52.1 | 44.4 | 7.7 |
| | 01.00-01.05 | 49.0 | 51.5 | 49.0 | 39.6 | 9.4 |
| | 01.05-01.10 | 45.4 | 51.1 | 45.4 | 41.7 | 3.7 |
| | 01.10-01.15 | 49.1 | 50.5 | 49.1 | 41.0 | 8.1 |
| | 01.15-01.20 | 48.2 | 52.6 | 48.2 | 42.1 | 6.1 |
| | 01.20-01.25 | 47.8 | 51.6 | 47.8 | 43.5 | 4.3 |
| | 01.25-01.30 | 47.0 | 54.8 | 47.0 | 50.0 | -3.0 |
| | 01.30-01.35 | 47.6 | 55.7 | 47.6 | 52.2 | -4.6 |
| | 01.35-01.40 | 50.5 | 56.5 | 50.5 | 52.8 | -2.3 |
| 14. | 01.40-01.45 | 51.5 | 57.3 | 51.5 | 52.6 | -1.1 |
| | 01.45-01.50 | 58.0 | 57.1 | 53.7 | 52.2 | 1.5 |
| | 01.50-01.55 | 55.9 | 54.9 | 52.0 | 50.7 | 1.3 |
| | 01.55-02.00 | 55.8 | 54.1 | 53.9 | 50.4 | 3.5 |
| | 02.00-02.05 | 50.8 | 52.9 | 50.8 | 49.1 | 1.7 |
| | 02.05-02.10 | 51.5 | 57.1 | 51.5 | 50.0 | 1.5 |
| | 02.10-02.15 | 51.4 | 55.0 | 51.4 | 51.0 | 0.4 |
| | 02.15-02.20 | 49.7 | 55.3 | 49.7 | 49.5 | 0.2 |
| | 02.20-02.25 | 46.2 | 60.1 | 46.2 | 49.3 | -3.1 |
| | 02.25-02.30 | 52.0 | 56.7 | 52.0 | 51.0 | 1.0 |
| 15. | 02.30-02.35 | 50.4 | 56.5 | 50.4 | 51.1 | -0.7 |
| | 02.35-02.40 | 51.1 | 56.6 | 51.1 | 51.0 | 0.1 |
| | 02.40-02.45 | 50.4 | 54.5 | 50.4 | 50.8 | -0.4 |
| | 02.45-02.50 | 48.3 | 53.5 | 48.3 | 49.6 | -1.3 |
| | 02.50-02.55 | 48.2 | 54.6 | 48.2 | 50.2 | -2.0 |
| | 02.55-03.00 | 50.4 | 52.9 | 50.4 | 49.0 | 1.4 |
| | 03.00-03.05 | 51.2 | 54.5 | 51.2 | 51.2 | 0.0 |
| | 03.05-03.10 | 51.9 | 53.5 | 51.9 | 49.6 | 2.3 |
| | 03.10-03.15 | 50.3 | 54.7 | 50.3 | 50.6 | -0.3 |
| | 03.15-03.20 | 46.7 | 54.3 | 46.7 | 49.7 | -3.0 |
| | 03.20-03.25 | 48.4 | 55.6 | 48.4 | 49.2 | -0.8 |
| | 03.25-03.30 | 53.5 | 57.5 | 53.5 | 49.8 | 3.7 |
| | 03.30-03.35 | 51.3 | 60.9 | 51.3 | 50.4 | 0.9 |
| | 03.35-03.40 | 50.5 | 63.6 | 50.5 | 49.4 | 1.1 |
| | 03.40-03.45 | 48.4 | 53.5 | 48.4 | 49.6 | -1.2 |
| | 03.45-03.50 | 48.7 | 54.6 | 48.7 | 50.3 | -1.6 |
| | 03.50-03.55 | 47.5 | 53.6 | 47.5 | 49.8 | -2.3 |
| | 03.55-04.00 | 46.6 | 52.6 | 46.6 | 49.2 | -2.6 |
| Standard ⁽¹⁾⁽²⁾ | | | | | | 10 |



TEST REPORT

(18/3-3)

| Item | Time | Result (dB(A)) | | | | |
|----------------------------|-------------|--|----------------------------------|-------------------------|--------------------------------------|------------------|
| | | บ้านเขาระวัง (N2) | | | | |
| | | ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq) | ระดับเสียงขณะไม่มีการรบกวน (Leq) | ระดับเสียงขณะมีการรบกวน | ระดับเสียงพื้นฐาน (L ₉₀) | ค่าระดับการรบกวน |
| | | 14-15/05/24 | 14-15/05/24 | - | 14-15/05/24 | - |
| 16. | 04.00-04.05 | 44.9 | 54.4 | 44.9 | 48.8 | -3.9 |
| | 04.05-04.10 | 47.8 | 57.2 | 47.8 | 50.1 | -2.3 |
| | 04.10-04.15 | 49.7 | 55.5 | 49.7 | 51.3 | -1.6 |
| | 04.15-04.20 | 50.3 | 60.9 | 50.3 | 50.2 | 0.1 |
| | 04.20-04.25 | 47.8 | 57.1 | 47.8 | 49.0 | -1.2 |
| | 04.25-04.30 | 49.1 | 54.3 | 49.1 | 50.4 | -1.3 |
| | 04.30-04.35 | 47.9 | 56.8 | 47.9 | 48.9 | -1.0 |
| | 04.35-04.40 | 51.9 | 53.3 | 51.9 | 49.0 | 2.9 |
| | 04.40-04.45 | 46.4 | 54.1 | 46.4 | 49.2 | -2.8 |
| | 04.45-04.50 | 46.3 | 53.8 | 46.3 | 49.0 | -2.7 |
| | 04.50-04.55 | 47.2 | 52.7 | 47.2 | 48.2 | -1.0 |
| | 04.55-05.00 | 47.3 | 55.4 | 47.3 | 49.5 | -2.2 |
| 17. | 05.00-05.05 | 45.9 | 54.8 | 45.9 | 48.4 | -2.5 |
| | 05.05-05.10 | 45.2 | 54.3 | 45.2 | 50.1 | -4.9 |
| | 05.10-05.15 | 44.3 | 60.8 | 44.3 | 50.7 | -6.4 |
| | 05.15-05.20 | 46.2 | 57.9 | 46.2 | 48.9 | -2.7 |
| | 05.20-05.25 | 53.1 | 59.0 | 53.1 | 47.8 | 5.3 |
| | 05.25-05.30 | 56.5 | 59.2 | 56.5 | 49.2 | 7.3 |
| | 05.30-05.35 | 57.9 | 53.2 | 59.1 | 48.8 | 10.3 |
| | 05.35-05.40 | 53.2 | 57.2 | 53.2 | 50.3 | 2.9 |
| | 05.40-05.45 | 56.0 | 53.2 | 55.8 | 50.2 | 5.6 |
| | 05.45-05.50 | 53.1 | 56.1 | 53.1 | 50.4 | 2.7 |
| | 05.50-05.55 | 52.4 | 52.4 | 52.4 | 48.5 | 3.9 |
| | 05.55-06.00 | 48.9 | 55.2 | 48.9 | 50.0 | -1.1 |
| 18. | 06.00-07.00 | 51.3 | 57.4 | 51.3 | 48.8 | 2.5 |
| 19. | 07.00-08.00 | 50.9 | 52.4 | 50.9 | 47.5 | 3.4 |
| 20. | 08.00-09.00 | 51.1 | 51.9 | 51.1 | 46.8 | 4.3 |
| 21. | 09.00-10.00 | 52.3 | 55.6 | 52.3 | 47.1 | 5.2 |
| 22. | 10.00-11.00 | 48.3 | 54.0 | 48.3 | 47.6 | 0.7 |
| 23. | 11.00-12.00 | 48.8 | 53.1 | 48.8 | 47.8 | 1.0 |
| 24. | 12.00-13.00 | 54.3 | 54.0 | 42.5 | 48.4 | -5.9 |
| Standard ⁽¹⁾⁽²⁾ | | | | | | 10 |

Standard : ⁽¹⁾ Notification of the National Environment Board No. 29 (2007) (B.E. 2550)

⁽²⁾ Notification of the Ministry of Industry (2005) (B.E. 2548)

Pramual M.

Pramual Moonsarn



Wannasiri S.

Wannasiri Suriyawong

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TEST REPORT

Customer Name : บริษัท ชิน เคอ หยวน จำกัด

Report No. : 1658/2024/19-19

Project : โครงการโรงงานผลิตเหล็กแผ่น เหล็กรูปพรรณ และเหล็กกลวด

Report Date : May 28, 2024

Address : 10/6 หมู่ 2 ตำบลตาสีห์ อำเภอลวกแดง

Sampling Date : May 9-16, 2024

T. (033) 684 290-7 F. (033) 684 298-9

Type of Sample : เสียงรบกวน

Job No. : S670002/May

(19/1-3)

| Item | Time | Result (dB(A)) | | | | |
|----------------------------|-------------|--|----------------------------------|-------------------------|--------------------------------------|------------------|
| | | บ้านเขาระดัง (N2) | | | | |
| | | ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq) | ระดับเสียงขณะไม่มีการรบกวน (Leq) | ระดับเสียงขณะมีการรบกวน | ระดับเสียงพื้นฐาน (L ₉₀) | ค่าระดับการรบกวน |
| | | 15-16/05/24 | 15-16/05/24 | - | 15-16/05/24 | - |
| 1. | 13.00-14.00 | 48.8 | 54.2 | 48.8 | 48.7 | 0.1 |
| 2. | 14.00-15.00 | 52.0 | 59.2 | 52.0 | 42.4 | 9.6 |
| 3. | 15.00-16.00 | 50.8 | 49.6 | 44.6 | 40.0 | 4.6 |
| 4. | 16.00-17.00 | 48.8 | 53.2 | 48.8 | 43.8 | 5.0 |
| 5. | 17.00-18.00 | 53.0 | 58.2 | 53.0 | 39.8 | 13.2 |
| 6. | 18.00-19.00 | 50.8 | 46.4 | 48.8 | 38.3 | 10.5 |
| 7. | 19.00-20.00 | 50.7 | 45.3 | 49.2 | 35.4 | 13.8 |
| 8. | 20.00-21.00 | 49.8 | 46.8 | 46.8 | 38.3 | 8.5 |
| 9. | 21.00-22.00 | 49.2 | 50.6 | 49.2 | 44.4 | 4.8 |
| 10. | 22.00-22.05 | 49.0 | 52.5 | 49.0 | 42.6 | 6.4 |
| | 22.05-22.10 | 50.6 | 47.2 | 50.9 | 41.9 | 9.0 |
| | 22.10-22.15 | 48.0 | 45.9 | 46.8 | 41.0 | 5.8 |
| | 22.15-22.20 | 47.1 | 45.3 | 45.4 | 38.8 | 6.6 |
| | 22.20-22.25 | 49.6 | 46.0 | 50.1 | 40.8 | 9.3 |
| | 22.25-22.30 | 52.0 | 46.5 | 53.6 | 42.7 | 10.9 |
| | 22.30-22.35 | 50.9 | 45.6 | 52.4 | 43.7 | 8.7 |
| | 22.35-22.40 | 50.8 | 44.3 | 52.7 | 40.1 | 12.6 |
| | 22.40-22.45 | 51.0 | 48.3 | 50.7 | 42.6 | 8.1 |
| | 22.45-22.50 | 56.6 | 53.2 | 56.9 | 45.3 | 11.6 |
| 11. | 22.50-22.55 | 55.6 | 49.4 | 57.4 | 45.0 | 12.4 |
| | 22.55-23.00 | 51.4 | 46.8 | 52.6 | 42.4 | 10.2 |
| | 23.00-23.05 | 49.5 | 45.9 | 50.0 | 42.1 | 7.9 |
| | 23.05-23.10 | 49.6 | 48.3 | 46.7 | 38.9 | 7.8 |
| | 23.10-23.15 | 49.1 | 46.9 | 48.1 | 39.9 | 8.2 |
| | 23.15-23.20 | 48.4 | 49.1 | 48.4 | 40.8 | 7.6 |
| | 23.20-23.25 | 50.7 | 47.4 | 51.0 | 41.2 | 9.8 |
| | 23.25-23.30 | 48.7 | 47.8 | 44.4 | 40.3 | 4.1 |
| | 23.30-23.35 | 50.2 | 47.4 | 50.0 | 40.6 | 9.4 |
| | 23.35-23.40 | 51.3 | 49.7 | 49.2 | 39.1 | 10.1 |
| | 23.40-23.45 | 46.8 | 51.3 | 46.8 | 37.9 | 8.9 |
| | 23.45-23.50 | 54.3 | 49.6 | 55.5 | 43.3 | 12.2 |
| | 23.50-23.55 | 50.0 | 50.6 | 50.0 | 42.7 | 7.3 |
| | 23.55-00.00 | 47.2 | 51.6 | 47.2 | 40.9 | 6.3 |
| Standard ⁽¹⁾⁽²⁾ | | | | | | 10 |

- REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY
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TEST REPORT

(19/2-3)

| Item | Time | Result (dB(A)) | | | | |
|----------------------------|-------------|--|----------------------------------|-------------------------|--------------------------------------|------------------|
| | | บ้านเขาระมั่ง (N2) | | | | |
| | | ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq) | ระดับเสียงขณะไม่มีการรบกวน (Leq) | ระดับเสียงขณะมีการรบกวน | ระดับเสียงพื้นฐาน (L ₉₀) | ค่าระดับการรบกวน |
| | | 15-16/05/24 | 15-16/05/24 | - | 15-16/05/24 | - |
| 12. | 00.00-00.05 | 51.0 | 49.0 | 49.7 | 41.3 | 8.4 |
| | 00.05-00.10 | 50.7 | 50.8 | 50.7 | 43.1 | 7.6 |
| | 00.10-00.15 | 49.4 | 52.4 | 49.4 | 41.3 | 8.1 |
| | 00.15-00.20 | 47.1 | 50.2 | 47.1 | 42.5 | 4.6 |
| | 00.20-00.25 | 48.5 | 50.6 | 48.5 | 41.1 | 7.4 |
| | 00.25-00.30 | 54.1 | 50.7 | 54.4 | 44.1 | 10.4 |
| | 00.30-00.35 | 54.2 | 51.6 | 53.7 | 43.7 | 10.0 |
| | 00.35-00.40 | 52.9 | 62.5 | 52.9 | 43.8 | 9.1 |
| | 00.40-00.45 | 50.0 | 51.9 | 50.0 | 40.7 | 9.3 |
| | 00.45-00.50 | 46.7 | 52.5 | 46.7 | 42.1 | 4.6 |
| 13. | 00.50-00.55 | 49.2 | 52.6 | 49.2 | 43.8 | 5.4 |
| | 00.55-01.00 | 52.9 | 50.2 | 52.6 | 44.6 | 8.0 |
| | 01.00-01.05 | 51.0 | 56.3 | 51.0 | 49.9 | 1.1 |
| | 01.05-01.10 | 49.4 | 56.4 | 49.4 | 51.9 | -2.5 |
| | 01.10-01.15 | 49.1 | 57.5 | 49.1 | 52.5 | -3.4 |
| | 01.15-01.20 | 52.8 | 56.9 | 52.8 | 53.0 | -0.2 |
| | 01.20-01.25 | 53.0 | 55.6 | 53.0 | 51.8 | 1.2 |
| | 01.25-01.30 | 51.4 | 55.9 | 51.4 | 51.7 | -0.3 |
| | 01.30-01.35 | 49.4 | 55.2 | 49.4 | 49.7 | -0.3 |
| | 01.35-01.40 | 49.0 | 53.9 | 49.0 | 49.0 | 0.0 |
| 14. | 01.40-01.45 | 50.1 | 55.2 | 50.1 | 51.2 | -1.1 |
| | 01.45-01.50 | 51.0 | 59.7 | 51.0 | 51.1 | -0.1 |
| | 01.50-01.55 | 50.9 | 65.5 | 50.9 | 50.2 | 0.7 |
| | 01.55-02.00 | 49.8 | 64.2 | 49.8 | 50.4 | -0.6 |
| | 02.00-02.05 | 51.3 | 55.1 | 51.3 | 49.9 | 1.4 |
| | 02.05-02.10 | 52.6 | 55.7 | 52.6 | 50.8 | 1.8 |
| | 02.10-02.15 | 52.5 | 55.8 | 52.5 | 50.4 | 2.1 |
| | 02.15-02.20 | 53.9 | 54.6 | 53.9 | 49.8 | 4.1 |
| | 02.20-02.25 | 52.9 | 54.7 | 52.9 | 49.4 | 3.5 |
| | 02.25-02.30 | 54.0 | 55.3 | 54.0 | 50.8 | 3.2 |
| 15. | 02.30-02.35 | 52.2 | 54.7 | 52.2 | 49.9 | 2.3 |
| | 02.35-02.40 | 51.6 | 56.8 | 51.6 | 52.0 | -0.4 |
| | 02.40-02.45 | 49.8 | 56.9 | 49.8 | 50.7 | -0.9 |
| | 02.45-02.50 | 50.6 | 55.0 | 50.6 | 51.3 | -0.7 |
| | 02.50-02.55 | 51.1 | 54.5 | 51.1 | 50.8 | 0.3 |
| | 02.55-03.00 | 50.0 | 57.3 | 50.0 | 50.6 | -0.6 |
| | 03.00-03.05 | 51.8 | 54.7 | 51.8 | 50.0 | 1.8 |
| | 03.05-03.10 | 53.3 | 54.6 | 53.3 | 48.5 | 4.8 |
| | 03.10-03.15 | 49.4 | 56.1 | 49.4 | 50.4 | -1.0 |
| | 03.15-03.20 | 50.7 | 53.9 | 50.7 | 49.3 | 1.4 |
| | 03.20-03.25 | 49.3 | 57.7 | 49.3 | 52.5 | -3.2 |
| | 03.25-03.30 | 49.5 | 55.8 | 49.5 | 52.1 | -2.6 |
| | 03.30-03.35 | 57.0 | 55.9 | 53.5 | 50.8 | 2.7 |
| | 03.35-03.40 | 54.2 | 53.7 | 47.6 | 48.9 | -1.3 |
| | 03.40-03.45 | 51.1 | 54.8 | 51.1 | 50.3 | 0.8 |
| | 03.45-03.50 | 53.9 | 54.0 | 53.9 | 51.3 | 2.6 |
| | 03.50-03.55 | 56.0 | 54.8 | 52.8 | 50.9 | 1.9 |
| | 03.55-04.00 | 51.6 | 61.3 | 51.6 | 52.4 | -0.8 |
| Standard ⁽¹⁾⁽²⁾ | | | | | | 10 |



TEST REPORT

(19/3-3)

| Item | Time | Result (dB(A)) | | | | |
|----------------------------|-------------|--|---------------------------------|------------------------|--------------------------------------|------------------|
| | | บ้านเขาระวัง (N2) | | | | |
| | | ระดับเสียงขณะเกิดเสียงของแหล่งกำเนิด (Leq) | ระดับเสียงขณะไม่มีกรรบกวน (Leq) | ระดับเสียงขณะมีกรรบกวน | ระดับเสียงพื้นฐาน (L ₉₀) | ค่าระดับการรบกวน |
| | | 15-16/05/24 | 15-16/05/24 | - | 15-16/05/24 | - |
| 16. | 04.00-04.05 | 54.4 | 60.1 | 54.4 | 51.8 | 2.6 |
| | 04.05-04.10 | 55.1 | 64.1 | 55.1 | 49.8 | 5.3 |
| | 04.10-04.15 | 56.9 | 57.2 | 56.9 | 48.6 | 8.3 |
| | 04.15-04.20 | 55.1 | 55.0 | 41.7 | 50.3 | -8.6 |
| | 04.20-04.25 | 49.9 | 54.7 | 49.9 | 50.1 | -0.2 |
| | 04.25-04.30 | 51.3 | 55.8 | 51.3 | 51.6 | -0.3 |
| | 04.30-04.35 | 52.4 | 55.1 | 52.4 | 50.8 | 1.6 |
| | 04.35-04.40 | 52.1 | 53.5 | 52.1 | 48.8 | 3.3 |
| | 04.40-04.45 | 47.2 | 55.8 | 47.2 | 49.2 | -2.0 |
| | 04.45-04.50 | 49.6 | 55.2 | 49.6 | 49.9 | -0.3 |
| 17. | 04.50-04.55 | 54.8 | 56.3 | 54.8 | 51.7 | 3.1 |
| | 04.55-05.00 | 54.0 | 55.2 | 54.0 | 50.4 | 3.6 |
| | 05.00-05.05 | 50.9 | 55.5 | 50.9 | 49.7 | 1.2 |
| | 05.05-05.10 | 50.5 | 54.3 | 50.5 | 49.5 | 1.0 |
| | 05.10-05.15 | 50.7 | 56.7 | 50.7 | 49.2 | 1.5 |
| | 05.15-05.20 | 51.9 | 60.5 | 51.9 | 49.5 | 2.4 |
| | 05.20-05.25 | 52.5 | 60.0 | 52.5 | 51.2 | 1.3 |
| | 05.25-05.30 | 51.4 | 61.2 | 51.4 | 49.5 | 1.9 |
| | 05.30-05.35 | 52.6 | 59.3 | 52.6 | 49.1 | 3.5 |
| | 05.35-05.40 | 51.3 | 56.2 | 51.3 | 49.5 | 1.8 |
| 18. | 05.40-05.45 | 51.5 | 53.6 | 51.5 | 48.8 | 2.7 |
| | 05.45-05.50 | 49.8 | 53.4 | 49.8 | 50.0 | -0.2 |
| | 05.50-05.55 | 50.9 | 53.9 | 50.9 | 49.5 | 1.4 |
| | 05.55-06.00 | 53.9 | 55.0 | 53.9 | 50.4 | 3.5 |
| | 06.00-07.00 | 53.2 | 53.4 | 53.2 | 48.4 | 4.8 |
| | 07.00-08.00 | 54.8 | 52.7 | 50.6 | 47.8 | 2.8 |
| | 08.00-09.00 | 52.5 | 58.1 | 52.5 | 48.2 | 4.3 |
| | 09.00-10.00 | 53.0 | 54.0 | 53.0 | 48.0 | 5.0 |
| | 10.00-11.00 | 49.4 | 52.4 | 49.4 | 47.4 | 2.0 |
| | 11.00-12.00 | 51.2 | 52.9 | 51.2 | 48.4 | 2.8 |
| 24. | 12.00-13.00 | 54.6 | 55.7 | 54.6 | 49.8 | 4.8 |
| Standard ⁽¹⁾⁽²⁾ | | | | | | 10 |

Standard : ⁽¹⁾ Notification of the National Environment Board No. 29 (2007) (B.E. 2550)

⁽²⁾ Notification of the Ministry of Industry (2005) (B.E. 2548)

Pramual M.

Pramual Moonsarn



Wannasiri S.

Wannasiri Suriyawong

- REPORTED RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY
- DO NOT COPY PARTIAL OF THIS ANALYSIS REPORT WITHOUT OFFICIAL APPROVAL



TEST REPORT

Analysis No. : R24-1658

Received Date: 16/05/24

Customer : Technical Division of Thai Environmental Technic Limited

For บริษัท ชิน เคอ หยวน จำกัด

โครงการโรงงานผลิตเหล็กแผ่น เหล็กรูปพรรณ และเหล็กกลวด

Address : 10/6 หมู่ 2 ตำบลตาสีห์ อำเภอลวกแดง จังหวัดระยอง 21140

Contact : Tel. (033) 684 290-7 Fax. (033) 684 298-9

Sample Conditions : 2405-WF0341 = yellow turbid/slight black sediment/covered with oil slick/smell

Report Date : 29/05/24

Analysis Date : 15-27/05/24

Job No. : S670002/May

Sampling Date * : 15/05/24

Sampling By * : TET

Type of Sample : Surface Water

| Item | Parameter | Unit | Method | Result | Standard | Analysis Date |
|------|---------------------------|---------------------------|---|-----------------------|---------------------|---------------|
| | | | | 2405-WF0341 | | |
| | | | | คลองมาบไผ่ (SW2) | | |
| 1 | pH * | - | Electrometric Method (SM 4500 B) | 7.64 | 5.0-9.0 | 15/05/24 |
| 2 | DO * | mg/L | Membrane Electrode (SM 4500 G) | 3.84 | ≥ 4.0 | 15/05/24 |
| 3 | BOD * | mg/L | 5-Days BOD Test, Azide Modification Method (SM 5210B) | 3.9 | 2.0 | 16-21/05/24 |
| 4 | Total Hardness * | mg/L as CaCO ₃ | EDTA Titrimetric (SM 2340 C) | 132.1 | - | 27/05/24 |
| 5 | NO ₃ * | mg/L | Cadmium Reduction (SM 4500-NO ₃ E) | 1.01 | 5.0 | 23/05/24 |
| 6 | NH ₃ * | mg/L | Distillation/Titrimetric Method (SM 4500-NH ₃ C) | < 0.10 | 0.5 | 23/05/24 |
| 7 | Cyanide * | mg/L | Distillation, Colorimetric Method (SM 4500-CN B/E) | < 0.001 | 0.005 | 20/05/24 |
| 8 | Cr ⁺⁶ * | mg/L | Filtration, Colorimetric Method (SM 3500-Cr B) | < 0.02 | 0.05 | 16/05/24 |
| 9 | Pb * | mg/L | Digestion, Electrothermal AAS Method (SM 3030E and 3113B) | < 0.001 | 0.05 | 16/05/24 |
| 10 | Cd * | mg/L | Digestion, Electrothermal AAS Method (SM 3030E and 3113B) | < 0.001 | 0.05 ⁽¹⁾ | 16/05/24 |
| 11 | Ni * | mg/L | Digestion, Electrothermal AAS Method (SM 3030E and 3113B) | < 0.001 | 0.1 | 21/05/24 |
| 12 | Total Hg * | mg/L | Cold-Vapor AAS Method (SM 3112 B) | < 0.0005 | 0.002 | 23/05/24 |
| 13 | As * | mg/L | Digestion, Continuous Hydride generation/AAS Method (SM 3114 C) | 0.0006 | 0.01 | 24/05/24 |
| 14 | Cu | mg/L | Digestion, ICP-OES Method (SM 3030F and 3120B) | < 0.05 | 0.1 | 21/05/24 |
| 15 | Mn | mg/L | Digestion, ICP-OES Method (SM 3030F and 3120B) | 0.12 | 1.0 | 21/05/24 |
| 16 | Zn | mg/L | Digestion, ICP-OES Method (SM 3030F and 3120B) | < 0.04 | 1.0 | 21/05/24 |
| 17 | Fecal Coliform Bacteria * | MPN/100 mL | Multiple-Tube Fermentation Technique (SM 9221 C&E) | 9.2 x 10 ⁴ | 4,000 | 17-21/05/24 |
| 18 | Total Coliform Bacteria * | MPN/100 mL | Multiple-Tube Fermentation Technique (SM 9221 B&C) | 1.6 x 10 ⁵ | 20,000 | 17-21/05/24 |

Remarks * "Test marked "Not TISI Accredited" in this Report are not included in the TISI Accreditation Schedule for our Laboratory"

: คลองมาบไผ่ (SW2) = 47P 0744485 UTM 1445566

: BOD มีค่าปริมาณต่ำสุดที่สามารถรายงานเป็นตัวเลขได้ = 2 mg/L

Method : SM = Standard Method for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023

Standard : Notification of the National Environment Board No. 8 (1994) (B.E. 2537), Class 3

(1) แคดเมียม (Cd) ในน้ำที่มีความกระด้างในรูปของ CaCO₃ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร มีค่าไม่เกินกว่า 0.005 มิลลิกรัมต่อลิตร และ ในน้ำที่มีความกระด้างในรูปของ CaCO₃ เกินกว่า 100 มิลลิกรัมต่อลิตร มีค่าไม่เกินกว่า 0.05 มิลลิกรัมต่อลิตร

Reviewed by

Ms. Wareerut Prachumdaeng
Chief of Laboratory



Approved by

Mrs. Pornpip Pethshee
Laboratory Manager

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TEST REPORT

Analysis No. : R24-1658

Received Date: 16/05/24

Customer : Technical Division of Thai Environmental Technic Limited

For บริษัท ชิน เคอ หยวน จำกัด

โครงการโรงงานผลิตเหล็กแผ่น เหล็กรูปพรรณ และเหล็กกลวด

Address : 10/6 หมู่ 2 ตำบลตาสีห์ อำเภอลวกแดง จังหวัดระยอง 21140

Contact : Tel. (033) 684 290-7 Fax. (033) 684 298-9

Report Date : 29/05/24

Analysis Date : 15-27/05/24

Job No. : S670002/May

Sampling Date * : 15/05/24

Sampling By * : TET

Type of Sample : Surface Water

Sample Conditions : 2405-WF0342 = red yellow turbid/high yellow sediment/covered with oil slick/smell

| Item | Parameter | Unit | Method | Result | Standard | Analysis Date |
|------|---------------------------|---------------------------|---|-----------------------|----------------------|---------------|
| | | | | 2405-WF0342 | | |
| | | | | คลองจอกแ่ง (SW3) | | |
| 1 | pH * | - | Electrometric Method (SM 4500 B) | 6.51 | 5.0-9.0 | 15/05/24 |
| 2 | DO * | mg/L | Membrane Electrode (SM 4500 G) | 4.42 | ≥ 4.0 | 15/05/24 |
| 3 | BOD * | mg/L | 5-Days BOD Test, Azide Modification Method (SM 5210B) | 3.7 | 2.0 | 16-21/05/24 |
| 4 | Total Hardness * | mg/L as CaCO ₃ | EDTA Titrimetric (SM 2340 C) | 47.3 | - | 27/05/24 |
| 5 | NO ₃ * | mg/L | Cadmium Reduction (SM 4500-NO ₃ E) | 3.42 | 5.0 | 23/05/24 |
| 6 | NH ₃ * | mg/L | Distillation/Titrimetric Method (SM 4500-NH ₃ C) | < 0.10 | 0.5 | 23/05/24 |
| 7 | Cyanide * | mg/L | Distillation, Colorimetric Method (SM 4500-CN ⁻ B/E) | < 0.001 | 0.005 | 20/05/24 |
| 8 | Cr ⁺⁶ * | mg/L | Filtration, Colorimetric Method (SM 3500-Cr B) | < 0.02 | 0.05 | 16/05/24 |
| 9 | Pb * | mg/L | Digestion, Electrothermal AAS Method (SM 3030E and 3113B) | 0.008 | 0.05 | 16/05/24 |
| 10 | Cd * | mg/L | Digestion, Electrothermal AAS Method (SM 3030E and 3113B) | < 0.001 | 0.005 ⁽¹⁾ | 16/05/24 |
| 11 | Ni * | mg/L | Digestion, Electrothermal AAS Method (SM 3030E and 3113B) | 0.003 | 0.1 | 21/05/24 |
| 12 | Total Hg * | mg/L | Cold-Vapor AAS Method (SM 3112 B) | < 0.0005 | 0.002 | 23/05/24 |
| 13 | As * | mg/L | Digestion, Continuous Hydride generation/AAS Method (SM 3114 C) | 0.0060 | 0.01 | 24/05/24 |
| 14 | Cu | mg/L | Digestion, ICP-OES Method (SM 3030F and 3120B) | < 0.05 | 0.1 | 21/05/24 |
| 15 | Mn | mg/L | Digestion, ICP-OES Method (SM 3030F and 3120B) | 1.49 | 1.0 | 21/05/24 |
| 16 | Zn | mg/L | Digestion, ICP-OES Method (SM 3030F and 3120B) | < 0.04 | 1.0 | 21/05/24 |
| 17 | Fecal Coliform Bacteria * | MPN/100 mL | Multiple-Tube Fermentation Technique (SM 9221 C&E) | 3.5 x 10 ³ | 4,000 | 17-21/05/24 |
| 18 | Total Coliform Bacteria * | MPN/100 mL | Multiple-Tube Fermentation Technique (SM 9221 B&C) | 1.7 x 10 ⁴ | 20,000 | 17-21/05/24 |

Remarks * "Test marked "Not TISI Accredited" in this Report are not included in the TISI Accreditation Schedule for our Laboratory"

: คลองจอกแ่ง (SW3) = 47P 0745268 UTM 1446468

: BOD มีค่าปริมาณต่ำสุดที่สามารถรายงานเป็นตัวเลขได้ = 2 mg/L

Method : SM = Standard Method for the Examination of Water and Wastewater, APHA, AWWA, WEF, 24th Edition, 2023

Standard : Notification of the National Environment Board No. 8 (1994) (B.E. 2537), Class 3

(1) แคดเมียม (Cd) ในน้ำที่มีความกระด้างในรูปของ CaCO₃ ไม่เกินกว่า 100 มิลลิกรัมต่อลิตร มีค่าไม่เกินกว่า 0.005 มิลลิกรัมต่อลิตร และ ในน้ำที่มีความกระด้างในรูปของ CaCO₃ เกินกว่า 100 มิลลิกรัมต่อลิตร มีค่าไม่เกินกว่า 0.05 มิลลิกรัมต่อลิตร

Reviewed by

Ms. Wareerut Prachumdaeng

Chief of Laboratory

29/05/24

Approved by

Mrs. Pornpip Pethshee

Laboratory Manager

29/05/24

END OF REPORT

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