

APPENDIX A

*For inspection purposes only.
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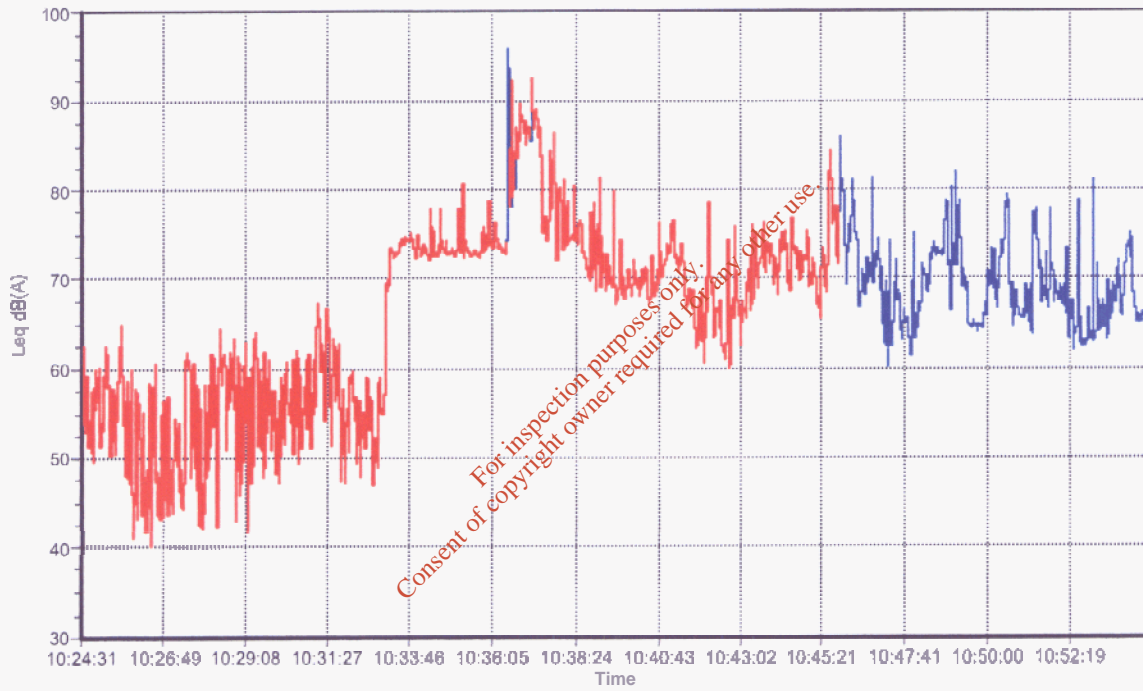
Noise Measurement Report

Date: 19110105 Time: 10:24:31

Run Time: 00:30:00
Range: 40-100 dB

Leq 75.1^dBA
Lepd 63.1^dBA
LAE 107.5 dBA
LAFmax 100.8^dBA
Peak 109.3^dBC

L1.0 L10.0 L50.0 L90.0 L05.0 L99.0
87.0^dBA 75.4^dBA 68.3^dBA 50.7^dBA 45.4^dBA 41.6^dBA



Notes: N 101 - Broadband Measurement

Printed: 14/12/05 12:03:57

Noise Measurement Report

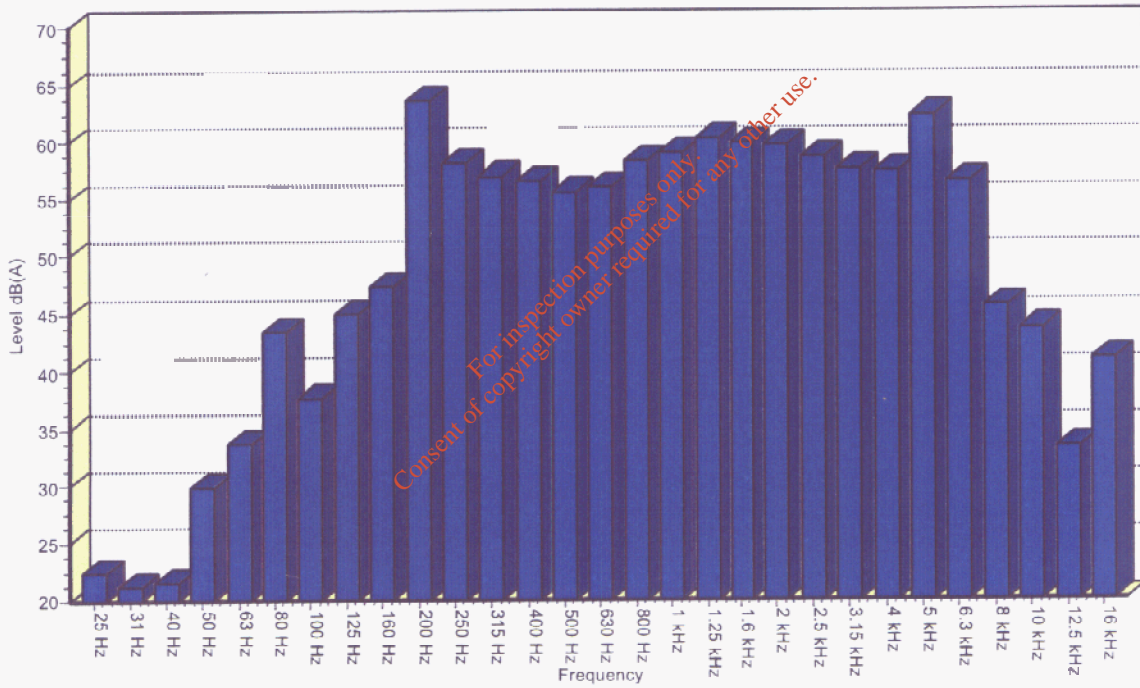
Date: 19/10/05 Time: 10:55:03

Run Time: 00:04:48
 Range: 40-100 dB
 Spectrum 'A' weighted

| | | | | | | | | | | | |
|--------------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| Measurement | 25 Hz | 31 Hz | 40 Hz | 50 Hz | 63 Hz | 80 Hz | 100 Hz | 125 Hz | 160 Hz | 200 Hz | 250 Hz |
| Level (dB) | 22.4 | 21.2 | 21.5 | 29.9 | 33.7 | 43.3 | 37.6 | 44.8 | 47.3 | 63.5 | 58.0 |
| Duration (s) | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |

| | | | | | | | | | | | |
|--------------|--------|--------|--------|--------|--------|-------|----------|---------|-------|---------|----------|
| Measurement | 315 Hz | 400 Hz | 500 Hz | 630 Hz | 800 Hz | 1 kHz | 1.25 kHz | 1.6 kHz | 2 kHz | 2.5 kHz | 3.15 kHz |
| Level (dB) | 56.9 | 56.6 | 55.6 | 56.0 | 58.3 | 59.0 | 60.2 | 59.8 | 59.7 | 58.5 | 57.7 |
| Duration (s) | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |

| | | | | | | | | | | |
|--------------|-------|-------|---------|-------|--------|----------|--------|------|------|------|
| Measurement | 4 kHz | 5 kHz | 6.3 kHz | 8 kHz | 10 kHz | 12.5 kHz | 16 kHz | LAeq | LCeq | LZeq |
| Level (dB) | 57.4 | 62.3 | 56.5 | 45.5 | 43.6 | 33.2 | 41.0 | 71.8 | 77.4 | 78.7 |
| Duration (s) | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |



Notes: N 101 - 1/3 Octave Frequency Analysis

Printed: 14/12/05 12:04:42

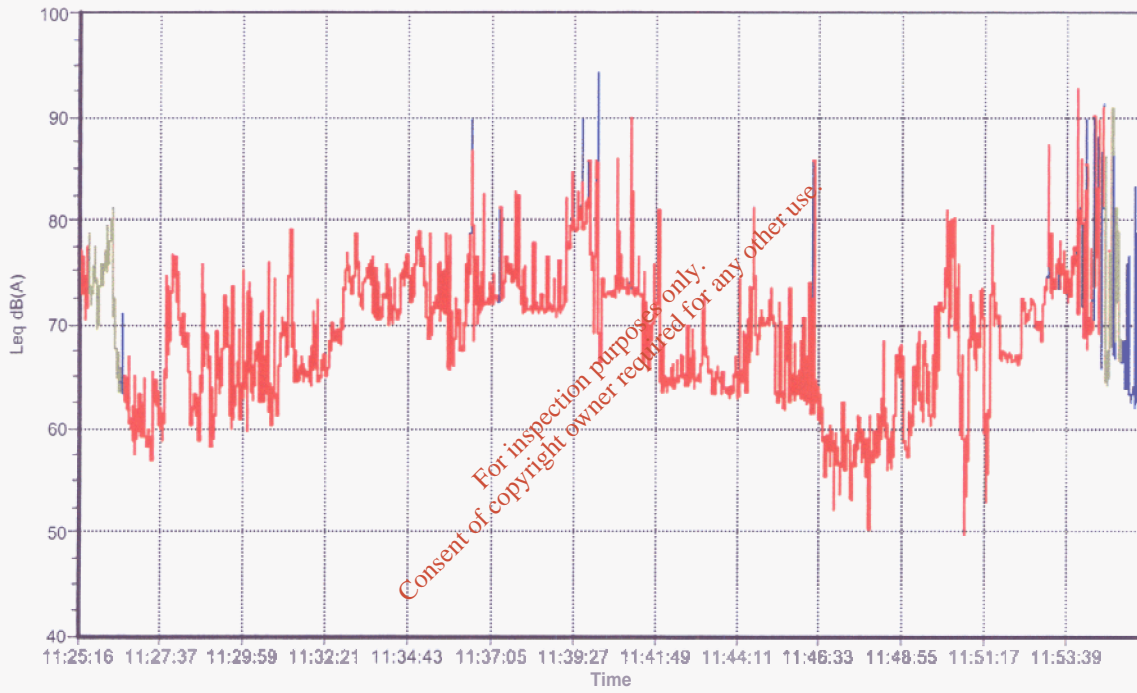
Noise Measurement Report

Date: 19/10/05 Time: 11:25:16

Run Time: 00:30:00
Range: 40-100 dB

Leq 74.7^dBA
Lepd 62.6^dBA
LAE 107.0 dBA
LAFmax 98.7^dBA
Peak 109.1^dBC

L1.0 L10.0 L50.0 L90.0 195.0 L99.0
150.0^dBA 76.3^dBA 68.0^dBA 58.6^dBA 56.9^dBA 51.7^dBA



Notes: N 102 - Broadband Measurement

Printed: 14/12/05 12:05:09

Noise Measurement Report

Date: 19/10/05 Time: 12:00:15

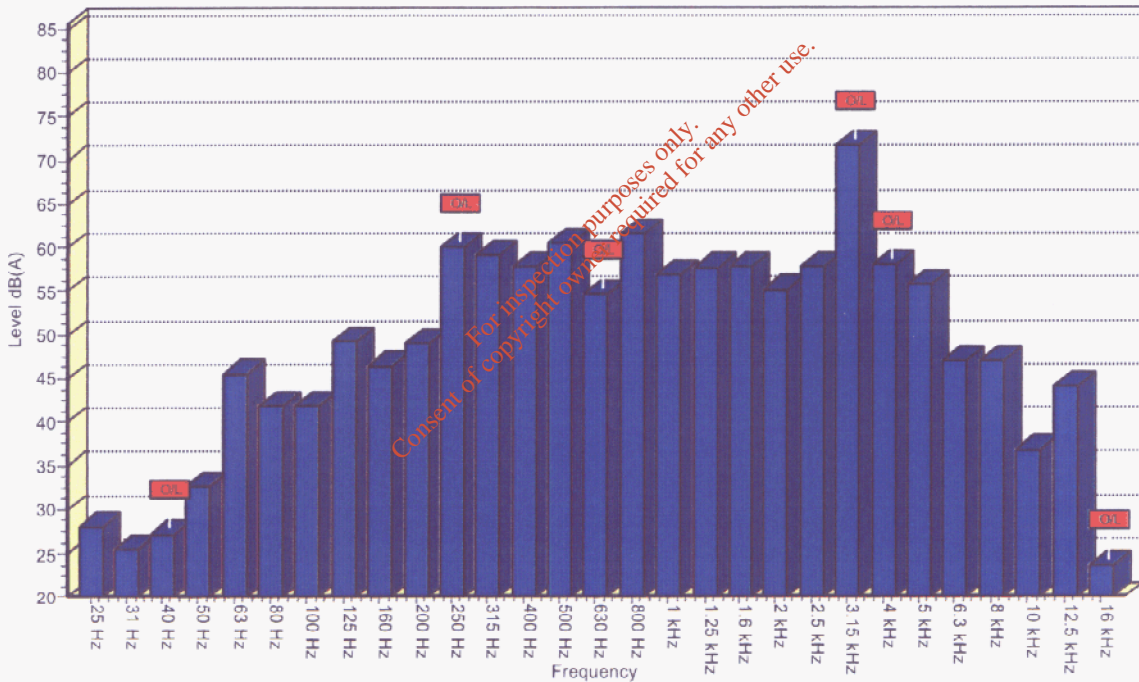
Run Time: 00:04:48
 Range: 40-100 dB
 Spectrum 'A' weighted

| | | | | | | | | | | | |
|--------------|-------|-------|-------------------|-------|-------|-------|--------|--------|--------|--------|-------------------|
| Measurement | 25 Hz | 31 Hz | 40 Hz | 50 Hz | 63 Hz | 80 Hz | 100 Hz | 125 Hz | 160 Hz | 200 Hz | 250 Hz |
| Level (dB) | 28.1 | 25.6 | 27.1 [^] | 32.7 | 45.5 | 41.7 | 41.8 | 49.2 | 46.4 | 49.1 | 60.0 [^] |
| Duration (s) | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |

| | | | | | | | | | | | |
|--------------|--------|--------|--------|-------------------|--------|-------|----------|---------|-------|---------|-------------------|
| Measurement | 315 Hz | 400 Hz | 500 Hz | 630 Hz | 800 Hz | 1 kHz | 1.25 kHz | 1.6 kHz | 2 kHz | 2.5 kHz | 3.15 kHz |
| Level (dB) | 59.0 | 57.9 | 60.6 | 54.8 [^] | 61.6 | 57.0 | 57.7 | 57.9 | 55.1 | 57.9 | 71.5 [^] |
| Duration (s) | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |

| | | | | | | | | | | |
|--------------|-------------------|-------|---------|-------|--------|----------|-------------------|------|------|------|
| Measurement | 4 kHz | 5 kHz | 6.3 kHz | 8 kHz | 10 kHz | 12.5 kHz | 16 kHz | LAeq | LCeq | LZeq |
| Level (dB) | 58.0 [^] | 55.7 | 47.0 | 46.9 | 36.7 | 44.1 | 23.6 [^] | 73.2 | 79.4 | 80.5 |
| Duration (s) | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |

[^] indicates overload



Notes: N 102 - 1/3 Octave Frequency Analysis

Printed: 14/12/05 12:05:35

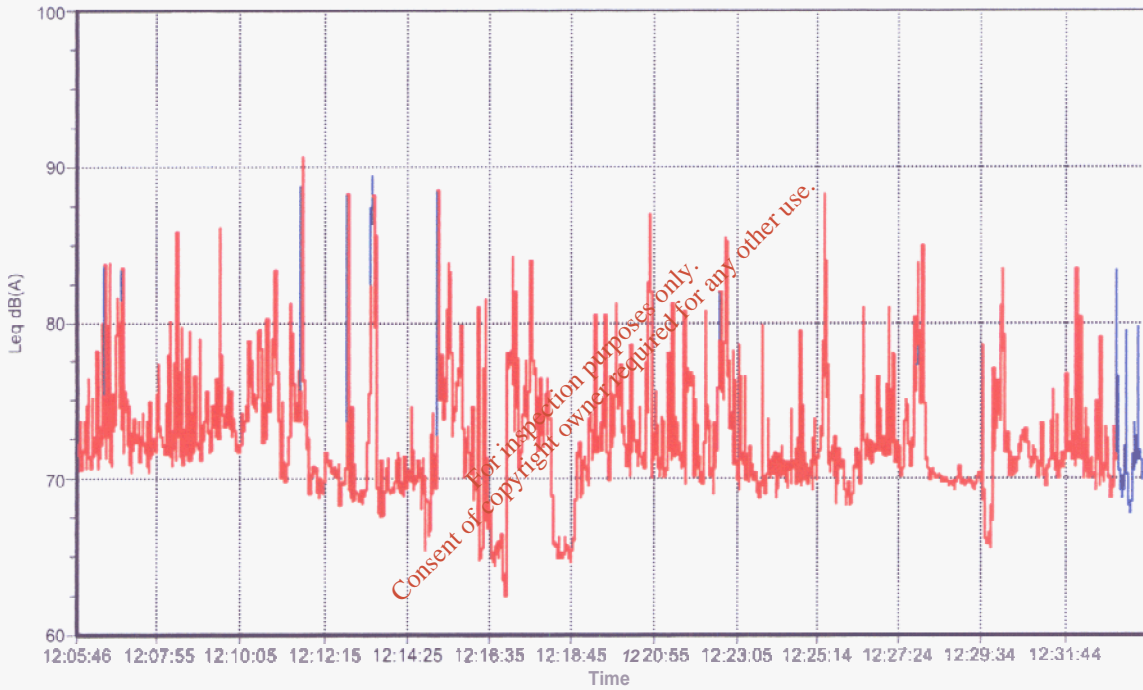
Noise Measurement Report

Date: 19/10/05 Time: 12:05:46

Run Time: 00:28:01
Range: 40-100 dB

Leq 74.8^dBA
Lepd 62.4^dBA
LAE 106.8 dBA
LAFmax 95.1^dBA
Peak 108.9^dBC

L1.0 L10.0 L50.0 L90.0 L95.0 L99.0
150.0^dBA 82.9^dBA 71.6^dBA 68.5^dBA 65.6^dBA 62.4^dBA



Notes: N 103 - Broadband Measurement

Printed: 14/12/05 12:05:59

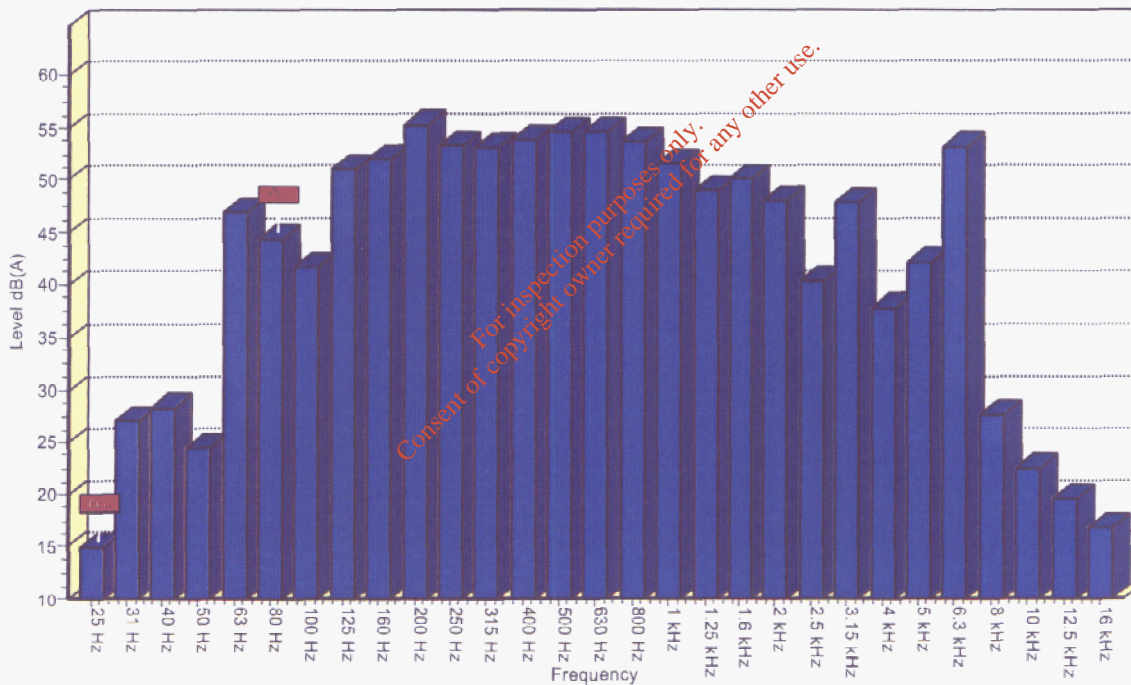
Noise Measurement Report

Date: 19/10/05 Time: 12:35:10

Run Time: 00:04:48
 Range: 40-100 dB
 Spectrum: 'A weighted

| | | | | | | | | | | | |
|--------------|--------|--------|---------|--------|--------|-------------------|----------|---------|--------|---------|----------|
| Measurement | 25 Hz | 31 Hz | 40 Hz | 50 Hz | 63 Hz | 80 Hz | 100 Hz | 125 Hz | 160 Hz | 200 Hz | 250 Hz |
| Level (dB) | 14.9" | 27.1 | 28.4 | 24.5 | 46.9 | 44.4 [^] | 41.6 | 51.1 | 52.0 | 55.3 | 53.3 |
| Duration (s) | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Measurement | 315 Hz | 400 Hz | 500 Hz | 630 Hz | 800 Hz | 1 kHz | 1.25 kHz | 1.6 kHz | 2 kHz | 2.5 kHz | 3.15 kHz |
| Level (dB) | 53.0 | 53.7 | 54.5 | 54.5 | 53.6 | 51.5 | 49.7 | 50.0 | 48.0 | 40.3 | 47.8 |
| Duration (s) | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Measurement | 4 kHz | 5 kHz | 6.3 kHz | 8 kHz | 10 kHz | 12.5 kHz | 16 kHz | LAeq | LCeq | LZeq | |
| Level (dB) | 37.8 | 42.1 | 53.2 | 27.6 | 22.4 | 19.6 | 16.9 | 60.9 | 83.8 | 80.7 | |
| Duration (s) | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | |

[^] indicates overload



Notes: N 103 - 1/3 Octave Frequency Analysis

Printed: 14/12/05 12:06:27

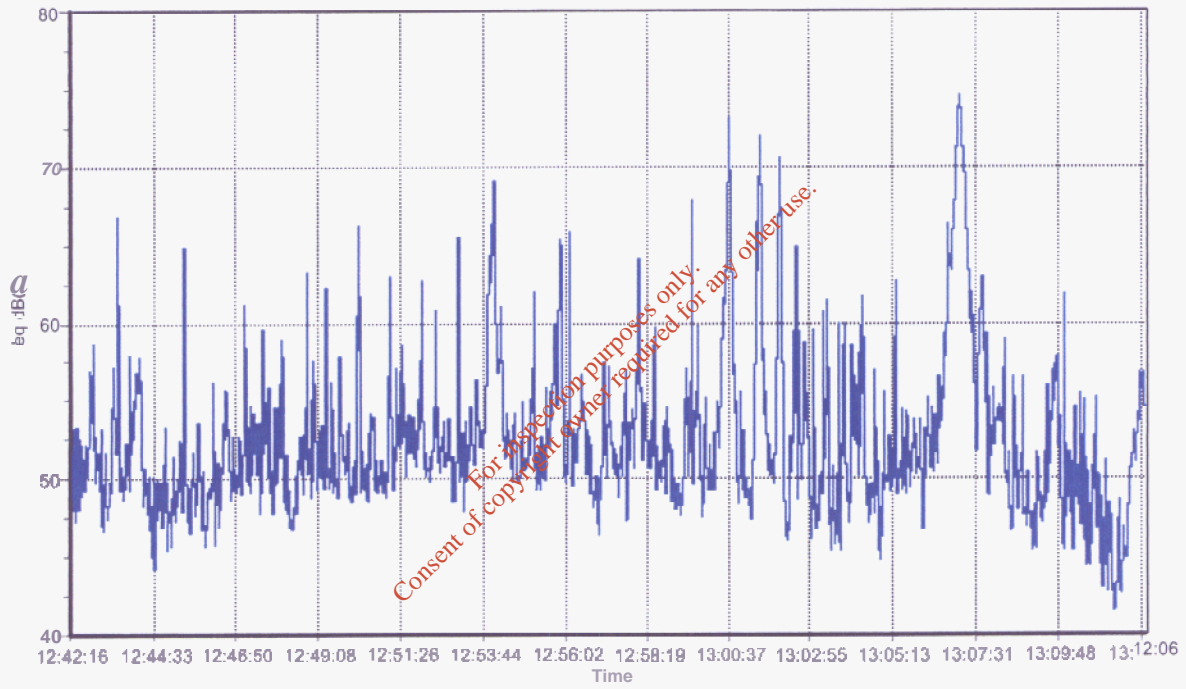
Noise Measurement Report

Date: 19/10/05 Time: 12:42:16

Run Time: 00:30:00
Range: 40-100 dB

Leq 57.5 dBA
Lepd 45.5 dBA
LAE 89.9 dBA
LAFmax 75.6 dBA
Peak 102.6 dBC

| | | | | | |
|----------|----------|----------|----------|----------|----------|
| L1.0 | L10.0 | L50.0 | L90.0 | t95.0 | L99.0 |
| 66.5 dBA | 59.4 dBA | 51.3 dBA | 47.0 dBA | 45.7 dBA | 42.6 dBA |



Notes: NSL 101 - Broadband Measurement

Printed: 14/12/05 12:06:56

Noise Measurement Report

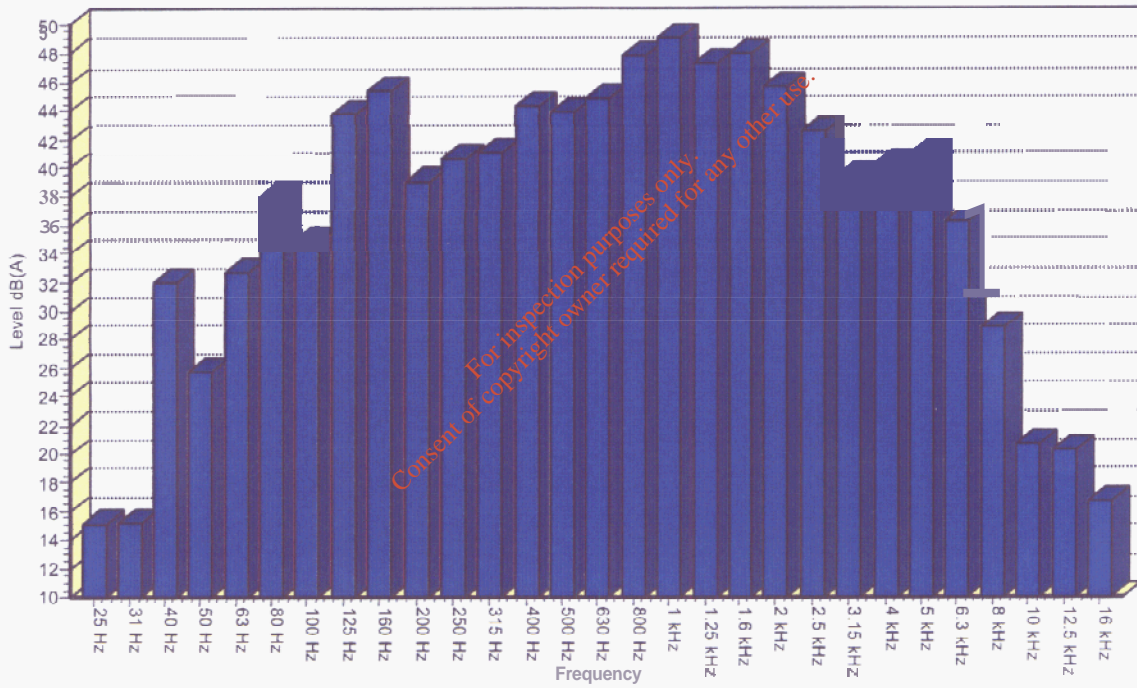
Date: 19/10/05 Time: 13:13:01

Run Time: 00:04:48
 Range: 40-100 dB
 Spectrum: 'A' weighted

| | | | | | | | | | | | |
|--------------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| Measurement | 25 Hz | 31 Hz | 40 Hz | 50 Hz | 63 Hz | 80 Hz | 100 Hz | 125 Hz | 160 Hz | 200 Hz | 250 Hz |
| Level (dB) | 15.1 | 15.2 | 32.0 | 25.8 | 32.7 | 38.0 | 34.9 | 43.7 | 45.5 | 39.0 | 40.6 |
| Duration (s) | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |

| | | | | | | | | | | | |
|--------------|--------|--------|--------|--------|--------|-------|----------|---------|-------|---------|----------|
| Measurement | 315 Hz | 400 Hz | 500 Hz | 630 Hz | 800 Hz | 1 kHz | 1.25 kHz | 1.6 kHz | 2 kHz | 2.5 kHz | 3.15 kHz |
| Level (dB) | 41.0 | 44.2 | 43.9 | 44.9 | 47.8 | 49.1 | 47.3 | 48.0 | 45.7 | 42.4 | 39.3 |
| Duration (s) | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |

| | | | | | | | | | | |
|--------------|-------|-------|---------|-------|--------|----------|--------|------|------|------|
| Measurement | 4 kHz | 5 kHz | 6.3 kHz | 8 kHz | 10 kHz | 12.5 kHz | 16 kHz | LAeq | LCeq | LZeq |
| Level (dB) | 40.2 | 40.9 | 36.1 | 28.8 | 20.6 | 20.2 | 16.7 | 57.8 | 67.5 | 89.6 |
| Duration (s) | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |



Notes: NSL 101 - 1/3 Octave Frequency Analysis

Printed: 14/12/05 12:07:18

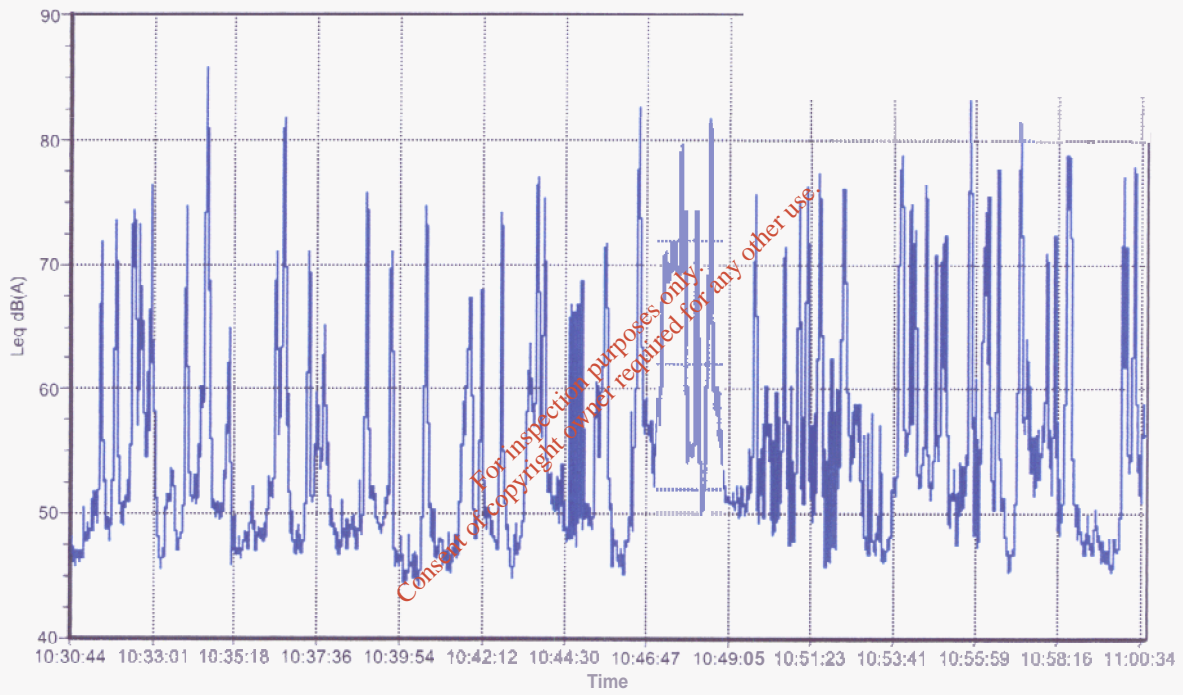
Noise Measurement Report

Date: 02/11/05 Time: 10:30:44

Run Time: 00:30:00
Range: 40-100 dB

Leq 65.8 dBA
Lepd 53.8 dBA
LAE 98.2 dBA
LAFmax 90.5 dBA
Peak 105.2 dBC

| | | | | | |
|----------|----------|----------|----------|----------|----------|
| L1.0 | L10.0 | L50.0 | L90.0 | L95.0 | L99.0 |
| 77.9 dBA | 68.0 dBA | 51.7 dBA | 46.6 dBA | 45.9 dBA | 44.9 dBA |



Notes: NSL 102 - Broadband Measurement

Printed: 14/12/05 12:07:57

Noise Measurement Report

Date: 02/11/05 Time: 11:01:38

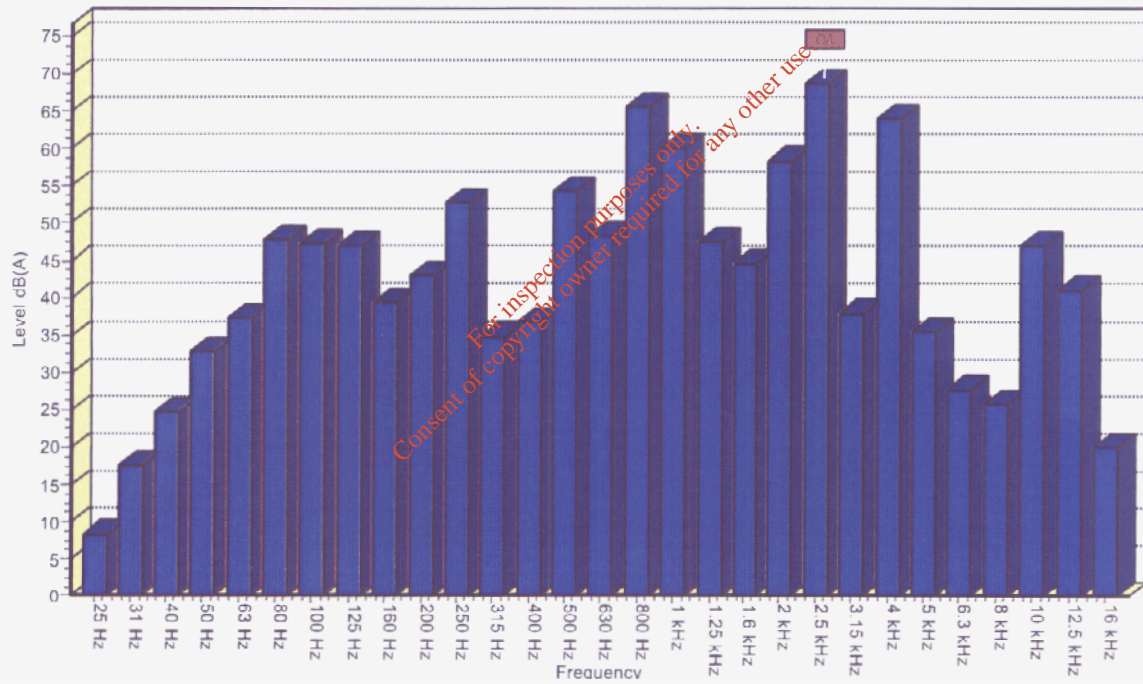
Run Time: 00:04:48
 Range: 40-100 dB
 Spectrum: 'A' weighted

| | | | | | | | | | | | |
|--------------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| Measurement | 25 Hz | 31 Hz | 40 Hz | 50 Hz | 63 Hz | 80 Hz | 100 Hz | 125 Hz | 160 Hz | 200 Hz | 250 Hz |
| Level (dB) | 8.2 | 17.6 | 24.5 | 32.8 | 37.2 | 47.7 | 47.3 | 46.8 | 39.4 | 42.9 | 52.6 |
| Duration (s) | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |

| | | | | | | | | | | | |
|--------------|--------|--------|--------|--------|--------|-------|----------|---------|-------|---------|----------|
| Measurement | 315 Hz | 400 Hz | 500 Hz | 630 Hz | 800 Hz | 1 kHz | 1.25 kHz | 1.6 kHz | 2 kHz | 2.5 kHz | 3.15 kHz |
| Level (dB) | 34.9 | 36.6 | 54.4 | 48.3 | 65.5 | 60.0 | 47.4 | 44.5 | 58.3 | 68.7^ | 37.9 |
| Duration (s) | 9 | 9 | 9 | 0 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |

| | | | | | | | | | | |
|--------------|-------|-------|---------|-------|--------|----------|--------|------|------|------|
| Measurement | 4 kHz | 5 kHz | 6.3 kHz | 8 kHz | 10 kHz | 12.5 kHz | 16 kHz | LAeq | LCeq | LZeq |
| Level (dB) | 64.0 | 35.4 | 27.7 | 25.9 | 47.0 | 41.1 | 20.1 | 61.5 | 66.7 | 66.5 |
| Duration (s) | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |

^ indicates overload



Notes: NSL 102- 1/3 Octave FBV frequency Analysis

Printed: 14/12/05 12:08:24

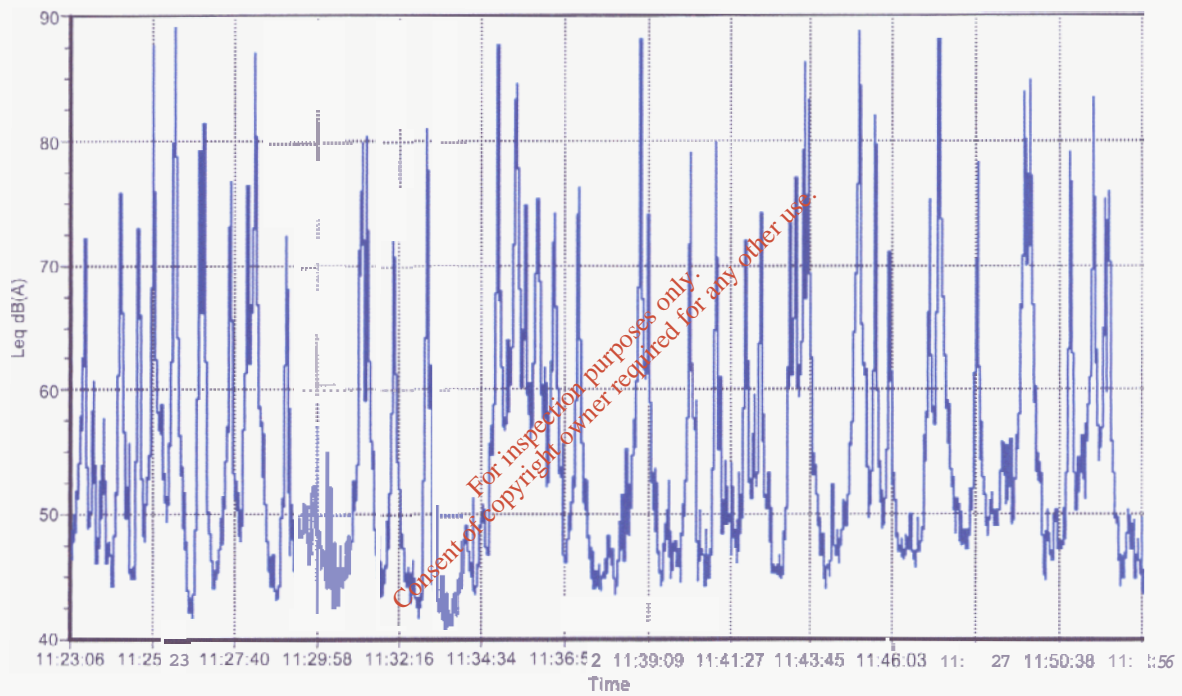
Noise Measurement Report

Date: 02/11/05 Time: 11:23:06

Run Time: 00:30:00
Range: 40-100 dB

Leq 69.7 dBA
Lepd 57.6 dBA
LAE 102.0 dBA
LAFmax 91.3 dBA
Peak 106.4 dBC

L1.0 L10.0 L50.0 L90.0 L95.0 L99.0
150.0 dBA 71.3 dBA 52.0 dBA 44.4 dBA 43.2 dBA 41.1 dBA



Notes: NSL 103 - Broadband Measurement

Printed: 14/12/05 12:08:43

Noise Measurement Report

Date: 02/11/05 Time: 11:57:35

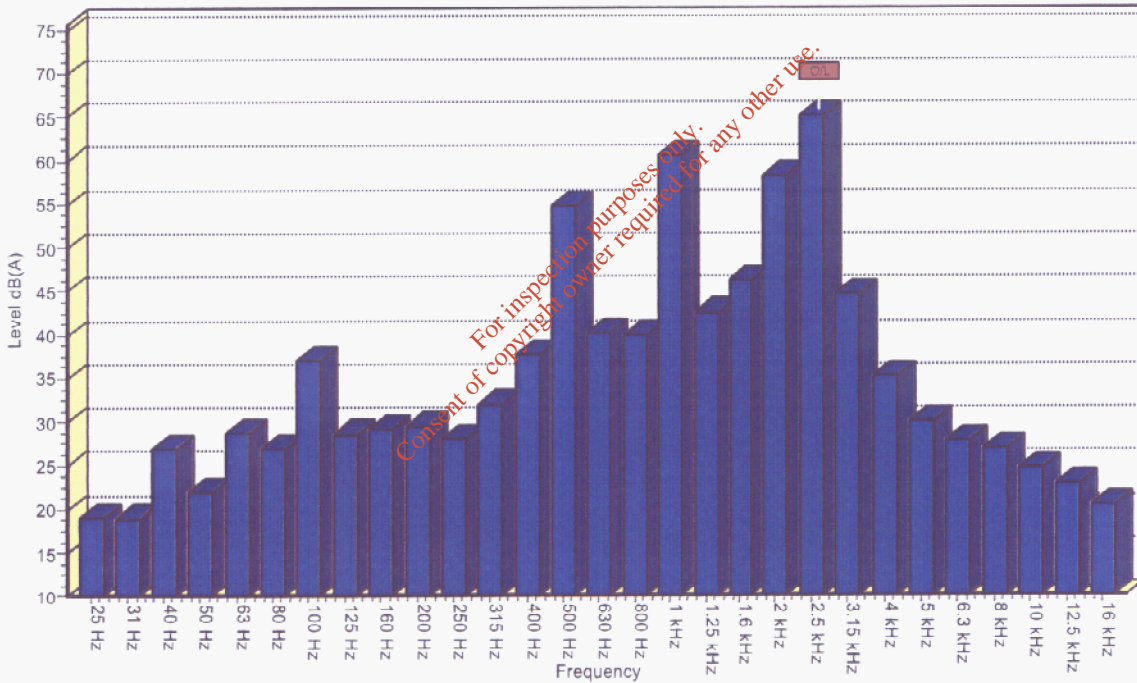
Run Time: 00:04:48
 Range: 40-100 dB
 Spectrum 'A' weighted

| | | | | | | | | | | | |
|--------------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| Measurement | 25 Hz | 31 Hz | 40 Hz | 50 Hz | 63 Hz | 80 Hz | 100 Hz | 125 Hz | 160 Hz | 200 Hz | 250 Hz |
| Level (dB) | 19.0 | 19.0 | 26.9 | 22.0 | 28.8 | 27.0 | 36.9 | 28.5 | 29.1 | 29.5 | 28.0 |
| Duration (s) | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |

| | | | | | | | | | | | |
|--------------|--------|--------|--------|--------|--------|-------|----------|---------|-------|-------------------|----------|
| Measurement | 315 Hz | 400 Hz | 500 Hz | 630 Hz | 800 Hz | 1 kHz | 1.25 kHz | 1.6 kHz | 2 kHz | 2.5 kHz | 3.15 kHz |
| Level (dB) | 32.1 | 37.7 | 54.8 | 40.3 | 40.0 | 60.5 | 42.5 | 46.3 | 58.3 | 65.0 [^] | 44.7 |
| Duration (s) | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |

| | | | | | | | | | | |
|--------------|-------|-------|---------|-------|--------|----------|--------|------|------|------|
| Measurement | 4 kHz | 5 kHz | 6.3 kHz | 8 kHz | 10 kHz | 12.5 kHz | 16 kHz | LAeq | LCeq | LZeq |
| Level (dB) | 35.1 | 29.9 | 27.9 | 26.9 | 24.7 | 22.8 | 20.4 | 49.3 | 62.4 | 72.7 |
| Duration (s) | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |

[^] indicates overload



Notes: NSL t03 - 1/3 Octave Frequency Analysis

Printed: 14/12/05 12:09:08

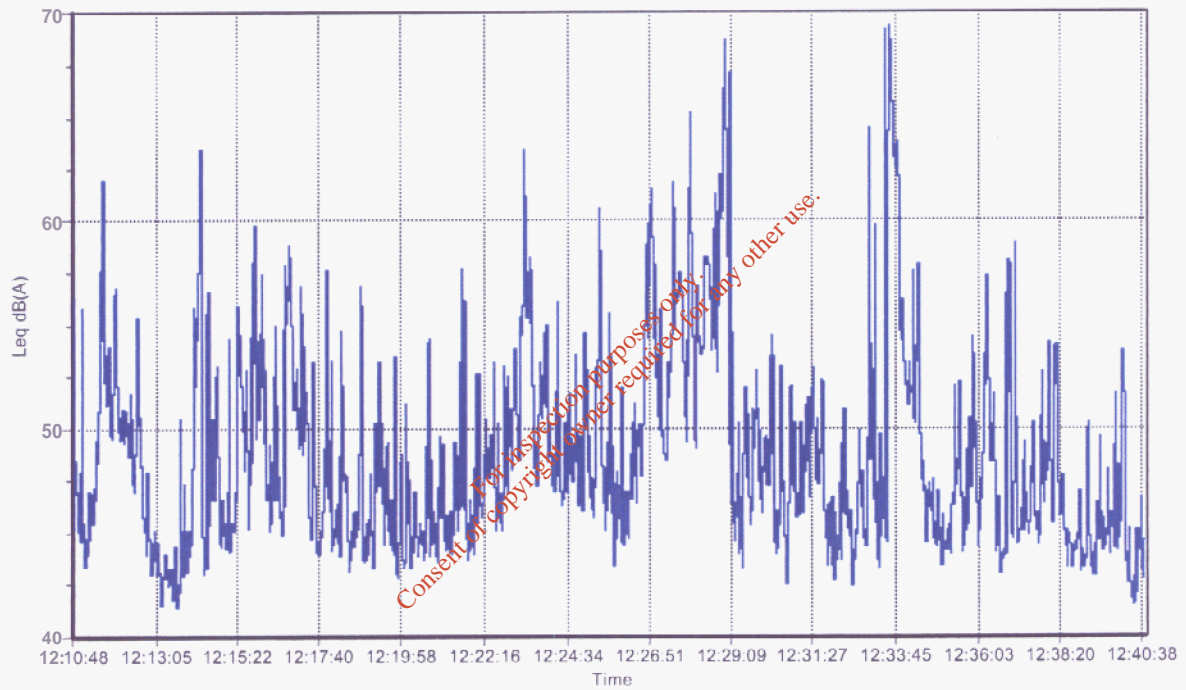
Noise Measurement Report

Date: 02/11/05 Time: 12:10:48

Run Time: 00:30:00
Range: 40-100 dB

Leq 52.9dBA
Lepd 40.8 dBA
LAE 85.2dBA
LAFmax 76.4dBA
Peak 101.2 dBC

| | | | | | |
|-----------|----------|----------|----------|----------|----------|
| L1.0 | L10.0 | L50.0 | L90.0 | L95.0 | L99.0 |
| 150.0 dBA | 59.5 dBA | 47.4 dBA | 43.3 dBA | 42.7 dBA | 41.3 dBA |



Notes: NSL 104 - Broadband Measurement

Printed: 14/12/05 12:09:30

Noise Measurement Report

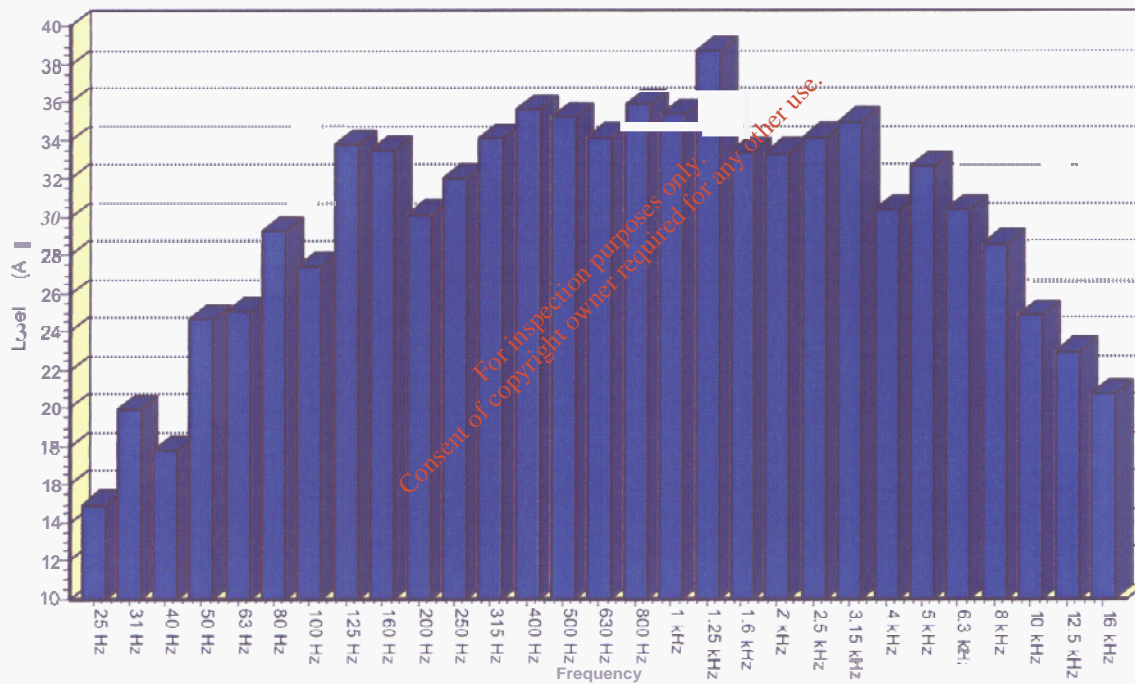
Date: 02/11/05 Time: 12:51:32

Run Time: 00:04:48
 Range: 40-100 dB
 Spectrum: 'A' weighted

| | | | | | | | | | | | |
|--------------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| Measurement | 25 Hz | 31 Hz | 40 Hz | 50 Hz | 63 Hz | 80 Hz | 100 Hz | 125 Hz | 160 Hz | 200 Hz | 250 Hz |
| Level (dB) | 14.9 | 20.0 | 17.8 | 24.7 | 25.1 | 29.3 | 27.4 | 33.8 | 33.5 | 30.2 | 32.0 |
| Duration (s) | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |

| | | | | | | | | | | | |
|--------------|--------|--------|--------|--------|--------|-------|----------|---------|-------|---------|----------|
| Measurement | 315 Hz | 400 Hz | 500 Hz | 630 Hz | 800 Hz | 1 kHz | 1.25 kHz | 1.6 kHz | 2 kHz | 2.5 kHz | 3.15 kHz |
| Level (dB) | 34.0 | 35.6 | 35.2 | 34.1 | 35.9 | 35.4 | 38.7 | 33.4 | 33.3 | 34.1 | 35.0 |
| Duration (s) | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |

| | | | | | | | | | | |
|--------------|-------|-------|---------|-------|--------|----------|--------|------|------|------|
| Measurement | 4 kHz | 5 kHz | 6.3 kHz | 8 kHz | 10 kHz | 12.5 kHz | 16 kHz | LAeq | LCeq | LZeq |
| Level (dB) | 30.4 | 32.6 | 30.4 | 28.6 | 24.8 | 22.9 | 20.8 | 51.5 | 65.2 | 75.5 |
| Duration (s) | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |



Notes: NSL 104 - 113 Octave Frequency Analysis

Printed: 14/12/05 12:09:58