ICS 13.140
Z 52

GB 12523 2011
GB12523-90 GB12524-90

Emission standard of environment noise for boundary of construction site

2011-12-05 2012-07-01

.....II
1 1
2 1
3 1
4 2
5 3
6 4
7 4

GB12523-90

GB12524-90

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GB12524-90

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1990

GB12523-90

GB12524-90

2011　11　14

2012　7　1

1

2

GB/T 15173

GB/T 17181

3

3.1

construction

3.2

construction noise

3.3

A A-weighted sound pressure level

A L_A dB A

3.4

A equivalent continuous A-weighted sound pressure level

T A $L_{Aeq\ T}$ L_{eq}

dB A

$$L_{eq} = 10\lg\left(\frac{1}{T}\int_0^T 10^{0.1 \bullet L_A}\, dt\right)$$

L_A t
T

3.5

boundary of construction site

3.6

noise-sensitive buildings

3.7

maximum sound level

A $L_{A\max}$ dB A

3.8

day-time night-time

“ ” 6:00 22:00 “ ”
22:00 6:00

3.9

background noise

3.10

steady noise

3dB A

3.11

non-steady noise

3dB A

4

4.1 1

1 dB A

70	55

4.2 15 dB A

4.3

1 10 dB A

5

5.1

5.1.1 GB/T 17181 2

GB/T 15173 1 2

5.1.2

0.5 dB A

5.1.3

5.1.4 F

5.2

5 m/s

5.3

5.3.1

5.1.3 # GÉz¾5B ‰Kà5[ð!ð +¡ß ðÂ$ P T # &•RÅ 7 Ä… 1# &•&K• ß ¯íq*` À ìÍ ÅS < % # G£ Ê5B

5 Mq*` ÂÈï¸f # EE × R~ ˆ ÀÛ0 ìÍ 5D

5.5

5.5.1

5.5.2 1 min 20 min

5.6

5.7

5.7.1 10dB A

5.7.2 3 dB A 10dB A

2

5.7.3 3dB A 5.7.1

5.7.2

2 dB A

	3	4 5	6 10
	-3	-2	-1

6

6.1

6.2 $L_{A\max}$

7