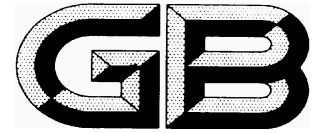


ICS 13.140
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GB 12523 2011

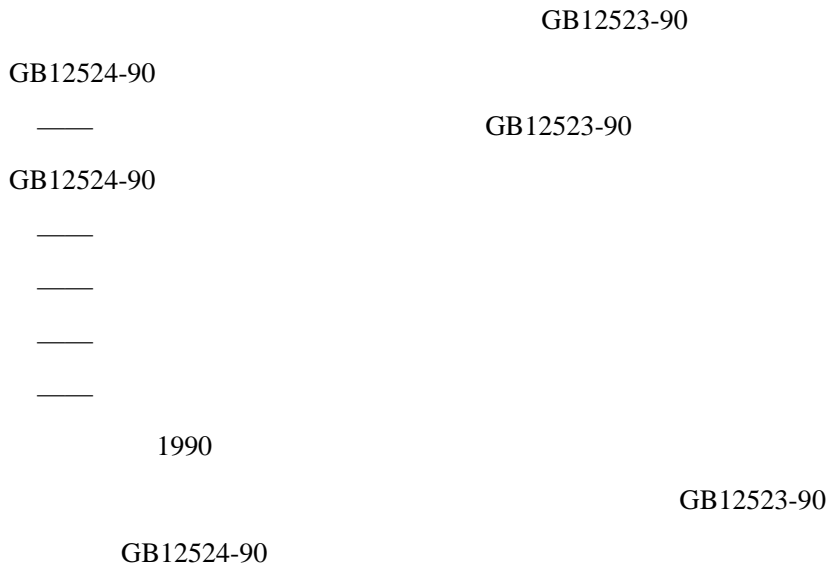
GB12523-90 GB12524-90

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



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

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

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

	L_A	t			
	T				
3.5			boundary of construction site		
3.6			noise-sensitive buildings		
3.7			maximum sound level		
	A	L_{Amax}		dB	A
3.8	day-time	night-time			
	22:00	6:00		6:00	22:00
				“ ”	“ ”
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 # 62.5% Kà5[ò!ö +jß öÂ\$ P T # &•RÅ 7 Ä... 1# &•&K• ß Ìq*` À í ÁS < % # G£ Ê5B
5 Mq*` ÂÊì_f # EE x R~ ^ ÀÛ0 í5D

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_{Amax}

7

