

CCS Z 64



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB 36600-2018

Replacing HJ/T 350-2007

**Soil environmental quality -- Risk control standard for soil
contamination of development land**

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1 arsenic 7440-38-2.201 601 120 140

2 Cadmium 7440-43-9 20 65 47 172

3 Chromium (hexavalent) 18540-29-9 3.0 5.7 30 78

4 copper 7440-50-8.2000 18000 8000 36000

5 lead 7439-92-1 400 800 800 2500

6 Mercury 7439-97-6 8 38 33 82

7 Nickel 7440-02-0 150 900 600.2000

8 carbon tetrachloride 56-23-5 0.9 2.8 9 36

9 Chloroform 67-66-3 0.3 0.9 5 10

10 methyl chloride 74-87-3 12 37 21 120

14 cis-1,2-dichloroethylene 156-59-2 66 596.200.2000

15 anti-1,2-dichloroethylene 156-60-5 10 54 31 163

16 dichloromethane 75-09-2 94 616 300.2000

20 Tetrachloroethylene 127-18-4 11 53 34 183

23 Trichloroethylene 79-01-6 0.7 2.8 7 20

25 Vinyl Chloride 75-01-4 0.12 0.43 1.2 4.3

26 benzene 71-43-2 1 4 10 40

27 chlorobenzene 108-90-7 68 270.200 1000

30 ethylbenzene 100-41-4 7.2 28 72 280

31 styrene 100-42-5 1290 1290 1290 1290

32 toluene 108-88-3 1200 1200 1200 1200

33 x-xylene p-xylene

34 o-xylene 95-47-6 222 640 640 640

35 nitrobenzene 98-95-3 34 76 190 760

36 aniline 62-53-3 92 260 211 663

38 benzo[a]?56-55-3 5.5 15 55 151
39 benzo[a]?50-32-8 0.55 1.5 5.5 15
40 benzo[b]fluoranthene 205-99-2 5.5 15 55 151
41 benzo[k]fluoranthene 207-08-9 55 151 550 1500
42 ?218-01-9 490 1293 4900 12900
43 dibenzo[a, h]?53-70-3 0.55 1.5 5.5 15
44 ?[1,2,3-cd]?193-39-5 5.5 15 55 151
45 naphthalene 91-20-3 25 70 255 700
1 ?7440-36-0 20 180 40 360
2 ?7440-41-7 15 29 98 290
3 Cobalt 7440-48-4.201 701 190 350
4 methylmercury 22967-92-6 5.0 45 10 120
5 vanadium 7440-62-2 1651 752 330 1500
6 cyanide 57-12-5 22 135 44 270
7 monobromodichloromethane 75-27-4 0.29 1.2 2.9 12
8 bromoform 75-25-2 32 103 320 1030
9 dibromochloromethane 124-48-1 9.3 33 93 330
11 Hexachlorocyclopentadiene 77-47-4 1.1 5.2 2.3 10
16 pentachlorophenol 87-86-5 1.1 2.7 12 27
18 butyl benzyl phthalate 85-68-7 312 900 3120 9000
19 di-n-octyl phthalate 117-84-0 390 2812 800 5700
21 Atrazine 1912-24-9 2.6 7.4 26 74
22 Chlordane 2 12789-03-6 2.0 6.2 20 62
23 p,p'-Drips 72-54-8 2.5 7.1 25 71
24 p,p'-Dripper 72-55-9 2.0 7.0 20 70
25 DDT 3 50-29-3 2.0 6.7 21 67
26 Dichlorvos 62-73-7 1.8 5.0 18 50
27 Dimethoate 60-51-5 86 619 170 1240
28 endosulfan 4 115-29-7 234 1687 470 3400
29 heptachlor 76-44-8 0.13 0.37 1.3 3.7
30 alpha-???319-84-6 0.09 0.3 0.9 3
31 beta-???319-85-7 0.32 0.92 3.2 9.2
32 gamma-???58-89-9 0.62 1.9 6.2 19
33 Hexachlorobenzene 118-74-1 0.33 1 3.3 10
34 mirex 2385-85-5 0.03 0.09 0.3 0.9

35 PCBs (total) 5 - 0.14 0.38 1.4 3.8

38 Dioxins (total toxicity equivalent) - 1×10^{-5} 4×10^{-5} 1×10^{-4} 4×10^{-4}

39 Polybrominated biphenyls (total) - 0.02 0.06 0.2 0.6

40 Petroleum Hydrocarbons (C10-C40) - 826 4500 5000 9000

2 Chlordane is the sum of the contents of alpha-chlordane and gamma-chlordane.

3 DDT is the sum of the contents of o, p'-DDT, p, p'-DDT.

4 Endosulfan is the sum of the contents of alpha-endosulfan and beta-endosulfan.

5 PCBs (total) are PCB 77, PCB 81, PCB105, PCB114, PCB118, PCB123, PCB 126, PCB156,

5.2 Determination of soil pollution risk for construction land screening of pollutants

5.3 Use of soil pollution risk screening values and control values for construction land

6 Monitoring requirements

1 arsenic

4 copper

5 lead

6 Mercury

7 nickel

8 carbon tetrachloride

9 chloroform

10 methyl chloride

Foreword

To implement the "Environmental Protection Law of the People's Republic of China", strengthen the supervision of soil environment for construction land, and control pollution plots.

This standard is formulated for the risks of human health and the safety of human settlements.

This standard specifies the screening values and control values of soil pollution risks for construction land that protect human health, as well as monitoring and implementation.

With supervision requirements.

This standard is the first release.

The following standards are the series of standards for soil environmental survey, monitoring, assessment and restoration of construction land in conjunction with this standard.

HJ 25.1 Technical Guidelines for Site Environmental Investigation

HJ 25.2 Site Environmental Monitoring Technical Guidelines

HJ 25.3 Technical Guidelines for Risk Assessment of Contaminated Sites

HJ 25.4 Technical Guidelines for Soil Remediation in Contaminated Sites

From the date of implementation of this standard, the "Evaluation Standard for Soil Environmental Quality of Exhibition Sites (Provisional)" (HJ 350-2007)

stop.

This standard was formulated by the Department of Soil and Environmental Management of the Ministry of Ecology and Environment and the Department of Science and Technology Standards.

This standard is mainly drafted by. Nanjing Institute of Environmental Sciences, Ministry of Ecology and Environment, China Academy of Environmental Sciences.

This standard is approved by the Ministry of Ecology and Environment on May 17, 2018.

This standard has been implemented since August 1, 2018.

This standard is explained by the Ministry of Ecology and Environment.

Soil environmental quality

Soil and water risk management and control standards for construction land

1 Scope of application

This standard specifies the screening values and control values of soil pollution risks for construction land that protect human health, as well as monitoring and implementation.

With supervision requirements.

This standard applies to soil pollution risk screening and risk control of construction land.

2 Normative references

The contents of this standard refer to the following documents or their terms. For undated references, the latest version is appropriate.

Used in this standard.

GB/T 14550 Determination of soil quality BHC and DDT - Gas chromatography

GB/T 17136 Determination of total mercury in soil mass - Cold atomic absorption spectrophotometric method

GB/T 17138 Determination of copper and zinc - Flame atomic absorption