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

CJ/T 486-2015

Replacing CJ/T 3073-1998

Soil stabilizing admixtures

土壤固化外加剂

(English Translation)

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard replaces CJ/T 3073-1998 "soil curing agent." The main technical changes compared with CJ/T 3073-1998 are as follows.

- Modify the standard name;
- Increasing the scope of the standard applicable soil curing admixture;
- Increasing the normative references;
- Clear the definition of soil curing admixture, add or delete the relevant definitions;
- Modify the product classification and marking;
- Removed liquid soil solidified additive solid content and stability requirements;
- Increasing the homogeneity index, stability of liquid soil-curing admixture, soluble heavy metal ion content and water-stable ratio Claim;
- Modify the unconfined compressive strength and setting time requirements;
- Increasing the homogeneity index, liquid soil solidification additives stability, soluble heavy metal ion content and water stability coefficient of the test method;

--- Modify the inspection rules;

--- Modify the product logo, packaging, transportation and storage.

This standard proposed by the Ministry of Housing and Urban Standard and Design Institute.

This standard by the Ministry of Housing and Urban Road and Bridge Standardization Technical Committee.

1 Scope

This standard specifies the terms and definitions soil curing admixture, classification and labeling, requirements, test materials, specimen preparation and health, test Methods, inspection rules, marking, packaging, shipping and storage.

This standard applies to inorganic, organic polymers, organic and inorganic compounds and ionic soil curing admixture production and testing.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version applies to this article Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB 175 Universal portland cement GB/T 208 Determination of density of cement GB/T 1345 cement fineness test method Screening method Hazardous waste identification standard Leaching toxicity identification Concrete admixtures Test method for uniformity of GB/T 8077 concrete admixtures GB 12573 cement sampling method GB/T 17671 cement mortar strength test method (ISO method) GB/T 25499 urban sewage recycling green water quality of irrigation GB/T 50145 soil engineering classification standards JGJ63 concrete water standards JTGE51-2009 highway engineering inorganic binder stable materials test procedures

3 Terms and definitions

The following terms and definitions apply to this document.

Additives to the soil that improve soil engineering properties through physical and/or chemical reactions with inorganic binders, soil and water.

Referred to the soil curing agent.

Stabilized soil in the crushed or the original loose soil with an appropriate amount of inorganic binder and water mixed with or without soil solidification admixture, after mixing the resulting mixture after compaction and health, in line with engineering performance requirements of the soil.

Stabilized soil mixture in the crushed or the original loose soil with an appropriate amount of inorganic binder and water mixed with or without soil solidification admixture, after mixing the resulting mixture.