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Replacing GB/T 25641-2010

**Road construction and road maintenance machinery and
equipment - Asphalt hot recycling plant**

道路施工与养护机械设备 沥青混合料厂拌热再生设备

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part 1: Structure and Drafting Rules of Standardization Documents". Drafting.

This document supersedes GB/T 25641-2010 "Road Construction and Maintenance Machinery and Equipment - Asphalt Mixture Plant Hot Recycling Equipment", and is consistent with...

Compared with GB/T 25641-2010, apart from structural adjustments and editorial changes, the main technical changes are as follows.

- a) Terms and definitions have been changed (see Chapter 3, Chapter 3 of the 2010 edition);
- b) The main parameter series has been changed (see Chapter 4, Chapter 4 of the 2010 edition);
- c) Job performance metrics have been changed (see 5.1, 2010 version 5.1);
- d) Increased system requirements (see 5.3.2);

- e) Burner requirements have been changed (see 5.3.4, 5.3.3 in the 2010 version);
- f) The requirement for sampling ports in the regenerant supply system has been removed (see 5.3.4.3 in the 2010 edition);
- g) Increased the capacity requirement for heat recovery silos (see 5.3.6.5);
- h) The requirement for dust removal flue gas ducts (see 5.3.8 in the 2010 edition) has been deleted, and the requirement for induced draft systems has been added (see 5.3.9);
- i) Safety and environmental requirements have been changed (see 5.5, 5.6 in the 2010 edition);
- j) A method for detecting the accuracy of dynamic batching metering has been added (see 6.2.2);
- k) The test methods for operational performance have been changed (see 6.3, 2010 version of 6.3);
- l) The combustion efficiency test (see 6.4.5 in the 2010 version) has been removed, and particulate matter concentration and odor concentration tests have been added (see 6.4.5). 6.4.6).

Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents.

This document was proposed by the China Machinery Industry Federation.

This document is under the jurisdiction of the National Technical Committee on Standardization of Construction Machinery and Equipment (SAC/TC328).

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- First published in 2010 as GB/T 25641-2010;
- This is the first revision.

Road construction and maintenance machinery and equipment Asphalt mixture plant hot recycling equipment

1 Scope

This document specifies the main parameters and technical requirements for asphalt mixture plant-mixed hot recycling equipment (hereinafter referred to as "plant-mixed hot recycling equipment"), describing...

The corresponding test methods are described, and the inspection rules, marking, packaging, transportation and storage are specified.

This document applies to the manufacture of plant-mixed hot recycling equipment, and can be used as a reference for the manufacture of integrated virgin and recycled asphalt mixing equipment.

2 Normative references

GB/T 150.1

GB/T 5226.1

GB/T 7920.11

GB/T 11352

GB/T 13306

GB/T 13384

GB/T 17299

GB/T 17808-2021

GB/T 21153

GB/T 30752

GB 50057

3 Terms and Definitions

The terms and definitions defined in GB/T 7920.11, as well as the following terms and