

TANZANIA BUREAU OF STANDARDS
DIRECTORATE OF STANDARDS DEVELOPMENT
BUILDING AND CONSTRUCTION ENGINEERING STANDARDS SECTION

- 1 BCDC 5 (4402) P3** Civil engineering specifications—Penetration grade bitumen

Scope

This standard applies to bituminous materials and covers the requirements for four (4) penetration grades of bitumen suitable for road construction and similar purposes.

- 2 BCDC 5 (4403) P3** Civil engineering specifications— Medium-Curing Cutback bitumen

Scope

This standard applies to bituminous materials and covers the requirements for five (5) grades of medium curing cutback bitumen type suitable for road construction and similar purposes.

- 3 BCDC 5 (4404) P3** Civil engineering specifications— Anionic bitumen road emulsion

Scope

This standard covers thirteen grades of emulsified asphalt for use in pavement construction in the manner designated.

- 4 BCDC 5 (4405) P3** Civil engineering specifications— Cationic bitumen road emulsion

Scope

This specification covers seven grades of cationic emulsified asphalt for use in pavement construction in the manner designated.

- 5 BCDC 5 (4678) P3** Civil engineering specifications—Performance Graded Asphalt Binder

Scope

This specification covers asphalt binders graded by performance. Grading designations are related to the average seven-day maximum pavement design temperature, and minimum pavement design temperature.

- 6 BCDC 6 (4733) P3** Wood-based panels — Fibreboard, particleboard and orientedstrandboard (OSB) — Vocabulary

Scope:

This draft Tanzania Standard provides definitions and terminology applying to all types of fibreboard, particleboard and oriented strand board (OSB)

7 BCDC 6(4735) P3 Wood-based panels — Wood-based panels — Dry-process fibreboard

Scope:

This draft Tanzania Standard specifies a classification matrix, related mandatory tests and thickness ranges for ultra-low, medium and high-density dry process wood-based fibreboard. It then provides the manufacturing property requirements for these types of uncoated fibreboard.

The values listed in this draft standard relate to product properties used to classify fibreboards into one of four types (UDF, LDF, MDF and HDF), one of four grades (GP, FN, BL, and LB), for use in one of four service conditions (REG, MR1, MR2, and HRM). The values are not characteristic values to be used for design purposes.

NOTE—Fibreboards are broadly divided into two groups based on the manufacturing process, namely the dry process group and the wet process group. Wet process fibreboards lie outside the scope of this International Standard.

8 BCDC 6 (4738) P3 Wood-based panels — Wet-process fibreboard —Part 1: Classifications

Scope:

This draft Tanzania Standard provides a classification matrix and related mandatory tests for two types of wet-process fibreboard: softboards and hardboards.

NOTE1—Wet-process fibreboards are divided into three types: softboards, medium boards and hardboards.

NOTE2—This draft standard is not applicable to medium boards.

NOTE3—Fibreboards are broadly divided into two groups based on the manufacturing process, namely the dry-process group. This draft standard is not applicable to dry-process fibreboards (see BCDC 6 (4735) P3).

9 BCDC 6 (4739) P3 Wood-based panels — Wet-process fibreboard —Part 2: Requirements.

Scope:

This draft Tanzania Standard specifies the manufacturing property requirements for wet-process fibreboard.

NOTE—The values listed in this draft standard relate to product properties used to classify fibreboards into one of the different types. The values are not characteristic values to be used for design purposes. When fibreboard is classified as load-bearing and nominated for structural applications, characteristic strength and stiffness values are established based upon testing in accordance with ISO 16572. Alternatively, for specific load-bearing application (e.g. walls, roofs, floors and I-joist webs), the load-bearing fibreboard would meet the specific performance requirements for that intended application.

10 BCDC 6 (4737) P3 Wood-based panels — Particleboard.

Scope:

This draft Tanzania Standard specifies a classification matrix and the related mandatory tests and thickness ranges to be applied to wood-based particleboard for general purposes, furniture, load-bearing applications and heavy-duty load bearing applications. It then provides the manufacturing property requirements for these types of uncoated particleboard.

The values listed in this International Standard relate to product properties used to classify particleboards into one of four grades (P-GP, P-FN, P-LB, and P-HLB), for use in three service conditions (REG, MR1, MR2). The values are not characteristic values to be used for design purposes.