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DRAFT ZANZIBAR NATIONAL STANDARD

Steel for the reinforcement of concrete — Part 2: Ribbed bars

ZANZIBAR BUREAU OF STANDARDS

National foreword

ZBS is in the process of adopting The East African Standard, **EAS 412-2: 2019 Steel for the reinforcement of concrete — Part 2: Ribbed bars** under the Mechanical and Automotive Standard Technical committee. In accordance with ZBS general procedures, this draft standard is presented to the public in order to receive any technical comment concerns.

Technical Committee Representatives

This Draft Zanzibar National Standard was prepared by Mechanical and Automotive Standard Technical committee which consists of representatives from the following organizations:

Buda Auto Parts
Department of Environment Zanzibar (DoE)
Zanzibar Road Transport and Safety Authority (ZARTSA)
Government Agency for Automobile Workshop Services (GAAWS)
Karume Institute of Science and Technology (KIST)
Zanzibar Utilities Regulatory Authority (ZURA),
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Steel for the reinforcement of concrete — Part 2: Ribbed bars

Scope

This East African Standard specifies technical requirements for ribbed bars to be used as reinforcement in concrete.

This part of EAS 412 covers:

- a) ribbed bars supplied in straight lengths; and
- b) four steel grades not intended for welding which are, B500A- R, B500B-R, B500C-R and B600C-R, and six steel grades intended for welding which are, B500AWR, B500BWR, B500CWR, B500DWR, B550DWR and B600DWR.

NOTE The steel grades are designated with steel names allocated in accordance with ISO/TS 4949. The first “B” stands for steel for reinforcing concrete. The next 3 digits represent the specified characteristic value of upper yield strength. The fifth symbol stands for ductility class (see 3.5). The sixth symbol relates to welding; “-” means not intended for welding and “W” means intended for welding. The last “R” stands for ribbed bar.

This standard does not apply to ribbed bars produced from finished products, such as plates and railway rails.

(Due to copyright issues, ZBS circulates the title and scope of the standard only, for full documents please visit ZBS office - Department of standardization).