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|  | **STANDARDS ASSOCIATION OF ZIMBABWE** |

DRAFT FOR **PUBLIC COMMENT**

LATEST DATE FOR RECEIPT OF COMMENTS: **07-03-2025-----------------------**

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| Our ref – BC 006 - D1134/1Draft Number - BC 006 - D1134/1Date: **22-01-2025** |

TECHNICAL COMMITTEE - BC 006: STEEL AND STEEL PRODUCTS

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| ZIMBABWE STANDARD SPECIFICATION FOR MECHANICAL COMPONENTS FOR TENDON BASED ROCK SUPPORT SYSTEMS |

This draft is now available for **public comment**. Your views and technical comments on it would be appreciated. If you have no specific comments to make but find it generally acceptable it would be helpful if you would notify us accordingly. Suggestions entailing revisions of the text should indicate the preferred wording using the attached template. The relevant clause number should be quoted against any comment.

All comments should be sent to the Committee Secretary **Mr P Chindara** at the address shown below.

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**AMENDMENTS**

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**Foreword**

This Zimbabwe Standard ZWS 1134:2024: Mechanical components for tendon based rock support systems, was developed by Technical Committee BC 006: Steel and steel products, which falls under the Safety, Health, Environment and Quality Sector.

This standard was approved by the Standards Approval Committee.

This standard makes reference to the following publication:

ASTM C 1107 : Standard specification for packaged dry, hydraulic-cement grout

 (non-shrink).

SABS 920 : Steel bars for concrete reinforcement.

SABS 1534 : Resin capsules for use with tendon-based support systems.

SABS 1700-5-2 : Fasteners

 Part 5: General requirements and mechanical properties –

Section 2: Nuts with specified proof load values – Coarse thread.

SABS 1700-5-4 : Fasteners

Part 5: General requirements and mechanical properties –

Section 4: Nuts with specified proof load values – Fine pitch

thread.

SABS 1700-5-15 : Fasteners

Part 5: General requirements and mechanical properties –

Section 15: Bolts, screws, studs and nuts.

 ISO 148 : Steel – Charpy impact test (V-notch).

ZIMBABWE STANDARD SPECIFICATION

FOR

MECHANICAL COMPONENTS FOR TENDON BASED ROCK

SUPPORT SYSTEMS

1 **Scope**

 This standard gives the performance requirements for mechanical components for tendon underground based rock support systems for use in the mining industry.