



ZANZIBAR BUREAU OF STANDARDS (ZBS)

LIST OF REVIEWED ZANZIBAR NATIONAL STANDARDS

MAY 2026

S/N	ZNS NO.	EDITION	TITLE AND SCOPE	STATUS
1.	ZNS 145: 2026- TZS 234: 2020	2 nd Edition	Voltages for A.C. transmission and distribution systems — Specification This Zanzibar National Standard defines the voltage as recognized as standard for alternating current power transmission and distribution system. <i>This second edition cancels and replaces the first edition ZNS 145: 2016- TZS 234: 1984 which is hereby withdrawn.</i>	Compulsory
2.	ZNS 147: 2026- TZS 104: 2015	2 nd Edition	Aluminium PVC insulated conductors for overhead power service lines — Specification 1.1 This Zanzibar National Standard specifies requirements for PVC-covered conductors for overhead power lines. These requirements are limited to the PVC	Compulsory



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			<p>covering and to the testing thereof after application to the conductor.</p> <p>1.2 Two minimum thicknesses of covering have been standardized as follows;</p> <table data-bbox="940 630 1617 889"> <thead> <tr> <th data-bbox="940 630 1129 711">Designation of covering</th> <th data-bbox="1283 630 1451 662">Minimum thickness</th> </tr> </thead> <tbody> <tr> <td data-bbox="982 784 1087 816">Type 8</td> <td data-bbox="1335 784 1451 816">0.8 mm</td> </tr> <tr> <td data-bbox="982 849 1108 881">Type 16</td> <td data-bbox="1335 849 1451 881">1.6 mm</td> </tr> </tbody> </table> <p>1.2.1 Type 8 is intended for use only where the operating voltage of the power line does not exceed 650 V r.m.s. between any two conductors or 250 V r.m.s. between any conductor and earth.</p> <p>Under these operating conditions, it is suitable for:</p> <ul style="list-style-type: none"> a) Crossings of telecommunication lines to guard against contact. b) Proximities to telecommunication lines to guard against contact. c) Lines (particularly service lines) to be 	Designation of covering	Minimum thickness	Type 8	0.8 mm	Type 16	1.6 mm	
Designation of covering	Minimum thickness									
Type 8	0.8 mm									
Type 16	1.6 mm									



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			<p>accessible from buildings.</p> <p>1.2.2 Type 16 is intended for use only where the operating voltage of the power line exceeds 650 V r.m.s. between any two conductors or 250 V r.m.s. between any conductor and earth, but does not normally exceed 11 kV.r.m.s between conductors or 6.6 kV.r.m.s between any conductor and earth. The earthing of a neutral point of the system through an arc-suppression coil is not precluded. If arrangements exist for clearing earth faults without undue delay under these operating conditions, type 16 is suitable for crossings of telecommunication lines and proximities to them.</p> <p>1.3 These covered conductors shall not be used for purpose other than over-head lines.</p>	



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			<i>This second edition cancels and replaces the first edition ZNS 147: 2015- TZS 104: 1982 which is hereby withdrawn.</i>	
3.	ZNS 368-2: 2026- EAS 1114: 2024	2 nd Edition	Insecticidal aerosol — Specification This Zanzibar National Standard specifies requirements, sampling and test methods for insecticidal aerosol. <i>This second edition cancels and replaces the first edition ZNS 368-2: 2021 which is hereby withdrawn.</i>	Compulsory