

*Development and Harmonisation of
Licensee Distribution Electrical
Infrastructure Technical Standards*

NAMIBIA ELECTRICITY SUPPLY INDUSTRY

INFRASTRUCTURE TECHNICAL STANDARDS

FOR

MEDIUM AND LOW VOLTAGE

ELECTRICITY DISTRIBUTION WORKS

Working Revision 0

Prepared by the Technical Standards Steering Committee

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EXECUTIVE SUMMARY

The Electricity Control Board (ECB) has embarked on a consultative process for determining appropriate standards governing the construction and maintenance of electricity distribution infrastructure for voltages up to and including 33kV.

The key objective of the process is to involve stakeholders to the maximum possible extent and to come up with standards that are applicable to and can be implemented in Namibia.

Such standards exist in South Africa and have in fact been adopted locally by the ECB in the absence of Namibia standards. The ECB does not propose to “re-invent the wheel” but rather proposes to engage in a stakeholder interaction process to determine and update the best possible standards that can be adopted and harmonised as a national standard for Namibia.

This approach supports the strengthening of regulatory co-operation within Southern Africa and works towards the goal of regional standards. This standard uses the newest editions of regional standards (NRS, SANS) as well as international standards (IEC, ANSI, BS, IEEE) as reference and should be consulted when applying the standards stipulated in this document.