



The Kenya Power & Lighting
Co. Ltd.

TITLE:

**SPECIFICATION FOR 2.5MVA
33/11kV POWER
TRANSFORMER**

Doc. No.

KPLC1/3CB/TSP/10/046

Issue No.

1

Revision No.

0

Date of Issue

2010-06-15

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ANNEX A: Guaranteed Technical Particulars *(to be filled and signed by the Manufacturer and submitted together with copies of manufacturer's catalogues, brochures, drawings, technical data, sales records and copies of type test certificates and type test reports for tender evaluation)*

Issued by: Head of Section, Tech Stds & Specs

Signed:

Date: 2010-06-15

Authorized by: Head of Department, R & D

Signed:

Date: 2010-06-15



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0.1 Circulation List

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2	Procurement Manager
3	Stores & Transport Manager
4	Chief Manager Distribution
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0.2 Amendment Record

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FOREWORD

This specification has been prepared by the Research and Development Department in collaboration with the Technical Services Department both of the Kenya Power & Lighting Company Ltd (KPLC) and it lays down requirements for 2.5MVA 33/11kV Power Transformer. The specification is intended for use by KPLC in purchasing the transformer.

It is expected that manufacturers will provide energy efficient standard design transformers that will provide high level of efficiency and significant initial cost saving. The manufacturer shall also submit information which demonstrates satisfactory service experience with products which fall within the scope of this specification.

1. SCOPE

This specification is for newly manufactured outdoor oil type power transformer as described below:

2.5MVA, 33000/11000 volts, 50 Hz, ONAN three phase power transformer (the **Vector Group** shall be stated on the schedule of requirements in the tender).

The specification also covers inspection and test of the transformer as well as schedule of Guaranteed Technical Particulars to be filled, signed by the manufacturer and submitted for tender evaluation.

The specification stipulates the minimum requirements for 2.5MVA 33kV/11kV power transformer acceptable for use in the company and it shall be the responsibility of the Manufacturer to ensure adequacy of the design, good workmanship and good engineering practice in the manufacture of the transformer for KPLC.

The specification does not purport to include all the necessary provisions of a contract.

2. REFERENCES

The following standards contain provisions which, through reference in this text constitute provisions of this specification. Unless otherwise stated, the latest editions (including amendments) apply.

ISO 1461: Hot dip galvanized coatings on fabricated iron and steel articles – Specifications and test methods.

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