



The Kenya Power & Lighting
Co. Ltd.

TITLE:

**SPECIFICATION FOR
66kV DISCONNECTOR
(ISOLATOR) Part 2:
Overhead Lines**

Doc. No.

KPLC1/3CB/TSP/11/103-2

Issue No.

1

Revision
No.

0

Date of
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2010-07-01

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Issued by: Head of Section, Tech Stds & Specs

Authorized by: Head of Department , R & D

Signed:

Signed:

Date: 2010-07-01

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0.1 Circulation List

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2	Procurement Manager
3	Stores & Transport Manager
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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 and Transmission Departments all of the Kenya Power & Lighting Company Ltd (KPLC) and it lays down requirements for 66kV Disconnector. The specification is intended for use by KPLC in purchasing the equipment.

The manufacturer shall 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 66kV 800 Amps 50Hz Disconnector (Isolator) for use on overhead line disconnection and sectionalizing applications.

The specification also covers inspection and test of the Disconnector 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 66kV Disconnector (overhead lines type) 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 Disconnector 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.

IEC 62271-102: High Voltage Switchgear and Controlgear Part 102: Alternating Current Disconnectors and Earthing Switches.

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