

<<交联聚乙烯电缆基础教程>>

图书基本信息

书名：<<交联聚乙烯电缆基础教程>>

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内容概要

From using point of view, this book go into particulars all;erformance of the material and construction on XLPE insulated power cablefrom theoretical and performance calculation, and tell about the option,installation, operation, maintain, test on site, hand-over and prevention test, teststandard and standard demand over this base. This book also introduce the somemanagerial experiences used to XLPE insulated power cable on the Electric Power Supply Bureau, and analyse the development tendency of XLPE insulated cable.

The book is a studied and worked handbook of engineer necessity used onthe XLPE insulation cable, a reference book of engineer at the Electric PowerSupply Bureau in China.

<<交联聚乙烯电缆基础教程>>

书籍目录

Chapter one Development history of XLPE insulated cable
Chapter two Structure and material property of XLPE insulated cable
2. 1 Structure of XLPE insulated cable
2.2 Conductor material
2.3 Insulation material
2.4 Internal and external semiconductor screen layer of XLPE insulated cable
2.5 Metallic screen
Chapter three Calculated electric parameter of XLPE insulated cable with mathematical statistics theory
3.1 Theoretical basis
3.2 Confirm breakdown distribution of cable
3. 3 Analyses related to insulation thickness and breakdown electricfield
3.4 Design of 220kV XLPE cable construction
3.5 Analyses of tests
3.6 Estimate cable reliability in operation
3.7 Confirm operated cable reliability used in method o calculated expectation life
Chapter four Electrical parameter of XLPE insulated cable
4.1 Electrical field distribution of XLPE insulated cable
4.2 Conductor resistance of XLPE insulated cable
4.3 Inductance of XLPE insulated cable
4.4 Capacitance of XLPE insulated cable
4.5 Induced voltage of metallic screen layer (or metallic sheath) of XLPE insulated cable
4.6 Metallic sheath overvoltage of XLPE insulated cable
Chapter five Electric parameter of accessories on XLPE insulated cable
5.1 Electrical field distribution of accessories on XLPE insulated cable
5.2 Calculation and structure of stress control
5.3 Boundary property of accessories on XLPE insulated cable
5.4 Electrical calculation of terminal
5.5 Electrical calculation of joint
5.6 Shrinkage of XLPE insulated cable
.....
Chapter six Confirm design parameter of XLPE insulated cable line
Chapter seven Confirm design parameter of accessories in XLPE insulated cable line
Chapter eight XLPE insulated cable installation and laying
Chapter nine XLPE insulated cable accessories installation
Chapter ten Connection and earthing of metallic sheath of XLPE

<<交联聚乙烯电缆基础教程>>

insulated cable

Chapter eleven Hand-over test and prevention test of XLPE insulated cable

Chapter twelve Online monitoring of XLPE insulated cable

Chapter thirteen Detection of cable fault

Chapter fourteen Operation, maintenance, technology management and security controls of XLPE power cable

References

Author introduction

<<交联聚乙烯电缆基础教程>>

章节摘录

3. Install insulating tube and restore screen Clean the surface of insulation, fill the section of connecting pipe with the ethylene propylene self-adhesive tape till the diameter is less than that of the insulation cable; the surface should be flat, and wrap the surface of insulation between both shield layers with the ethylene propylene self-adhesive tape 1 or 2 layer. Draw out the insulating tube, set it in the center section, heat up and contract it from the centre to the ends. Because the insulating tube is very thick, we should heat it up slowly and make it shrink thoroughly to avoid the gap between layers. We should wrap the ends of insulating tube with the self-adhesive tape, the width is about 30mm, and it looks like a flat cone. Draw out the conducted tube to cover the insulating tube, heat up and contract it, the continuous operation is needed to ensure the good contact between layers, dispel the gap. Use the EPDM self-adhesive tape to wrap the ends of the conducted tube in order to strengthen the pressurize.

4. Restore copper screen Wrap the whole joint with the soft braided copper network, band and weld the copper tape of cable with the ends tightly. Use the plastic tape and white cloth tape to fasten it in order to protect the whole joint and make it flat.

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