

<<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.

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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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