油浸式结构电压互感器交接试验报告

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| 设备名称 |  | | | | | | | | | | | | | | |
| 1.设备参数 | | | | | | | | | | | | | | | |
| 型号 |  | | | | | | | 额定电压(kV) | | | |  | | | |
| 生产厂家 |  | | | | | | | 额定频率(Hz) | | | |  | | | |
| 二次绕组 | 额定电压(V) | | | | | | | 准确度等级 | | | | 额定容量(VA) | | | |
| la— ln |  | | | | | | |  | | | |  | | | |
| 2a—2n |  | | | | | | |  | | | |  | | | |
| da— dn |  | | | | | | |  | | | |  | | | |
| 相别 | A相 | | | | | B相 | | | | | | | C相 | | |
| 出厂编号 |  | | | | |  | | | | | | |  | | |
| 出厂日期 |  | | | | |  | | | | | | |  | | |
| 2.试验依据 | | | | | | | | | | | | | | | |
| 试验采用标准、设计技术参数及合同要求 | | | | | | | | | | | | | | | |
| 3.测量绕组的绝缘电阻 | | | | | | | | | | | | | | | |
| 试验位置 | | | | | A相(MΩ) | | | | | B相(MΩ) | | | | C相(MΩ) | |
| 一次绕组对二次绕组及地 | | | | |  | | | | |  | | | |  | |
| la— ln对2a—2n及 da— dn及地 | | | | |  | | | | |  | | | |  | |
| 2a—2n对 la— ln及 da— dn及地 | | | | |  | | | | |  | | | |  | |
| da— dn对 la— ln及2a—2n及地 | | | | |  | | | | |  | | | |  | |
| 试验环境 | | 环境温度：℃, 湿度: % | | | | | | | | | | | | | |
| 试验设备 | | 试验仪器及仪表名称、规格、编号 | | | | | | | | | | | | | |
| 试验人员 | |  | | | | | | | | 试验日期 | | | 年 月 日 | | |
| 4.测量绕组连同套管的介质损耗角正切值tanδ | | | | | | | | | | | | | | | |
| 相别 | | A相 | | | | | B相 | | | | | | C相 | | |
| 出厂值 | 实测值 | 差值  (%) | | | 出厂值 | | 实测值 | | 差值  (%) | | 出厂值 | 实测值 | 差值  (%) |
| 电容量(pF) | |  |  |  | | |  | |  | |  | |  |  |  |

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| 5.交流耐压试验及局部放电试验 | | | | | | | | | | | | | |
| 绕组 | 相别 | 试前绝缘  (MΩ) | | 试后绝缘  (MΩ) | 试验频率  (Hz) | 出厂耐压值  (kV) | | | 试验电压  (kV) | | 试验时间  (min) | | 备注 |
| 一次绕组 | A相 |  | |  |  |  | | |  | |  | | 标明试验类型 |
| B相 |  | |  |  |  | | |  | |  | |
| C相 |  | |  |  |  | | |  | |  | |
| 二次绕组 | A相 |  | |  |  |  | | |  | |  | |  |
| B相 |  | |  |  |  | | |  | |  | |
| C相 |  | |  |  |  | | |  | |  | |
| 接地端(N) | |  | |  |  |  | | |  | |  | |  |
| 相别 | | | | A相 | | B相 | | | | | C相 | | |
| 测量电压(kV) | | | |  | |  | | | | |  | | |
| 局部放电量(pC) | | | |  | |  | | | | |  | | |
| 试验环境 | | 环境温度： ℃, 湿度: % | | | | | | | | | | | |
| 试验设备 | | 试验仪器及仪表名称、规格、编号 | | | | | | | | | | | |
| 试验人员 | |  | | | | | 试验日期 | | | 年 月 日 | | | |
| 6.测量电压互感器绕组直流电阻 | | | | | | | | | | | | | |
| 相别 | | | | | A相 | | | B相 | | | | C相 | |
| 一次绕组(12) | | | 出厂值(\_℃) | |  | | |  | | | |  | |
| 实测值 | |  | | |  | | | |  | |
| 折算至出厂温度 | |  | | |  | | | |  | |
| 差值(%) | |  | | |  | | | |  | |
| 二次绕组 la--ln(n) | | | 出厂值(\_\_℃) | |  | | |  | | | |  | |
| 实测值 | |  | | |  | | | |  | |
| 折算至出厂温度 | |  | | |  | | | |  | |
| 差值(%) | |  | | |  | | | |  | |
| 二次晚期2a-20(Ω) | | | 出厂值(\_\_℃) | |  | | |  | | | |  | |
| 实测值 | |  | | |  | | | |  | |
| 折算至出厂温度 | |  | | |  | | | |  | |
| 差值(%) | |  | | |  | | | |  | |
| 二次说明:a-dn(12) | | | 出厂值(\_℃) | |  | | |  | | | |  | |
| 实测值 | |  | | |  | | | |  | |
| 折算至出厂温度 | |  | | |  | | | |  | |
| 差值(%) | |  | | |  | | | |  | |
| 试验环境 | | 环境温度：℃ | | | | | | | | | | | |
| 试验设备 | | 试验仪器及仪表名称、规格、编号 | | | | | | | | | | | |
| 试验人员 | |  | | | | | 试验日期 | | | 年 月 日 | | | |

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| 7.检查互感器的接线组别和极性 | | | | | | | | | | | | | | | | | | | |
| 相别 | | A相 | | | | | | | B相 | | | | C相 | | | | | | |
| 结果 | |  | | | | | | |  | | | |  | | | | | | |
| 试验环境 | | | 环境温度：℃ | | | | | | | | | | | | | | | | |
| 试验设备 | | | 试验仪器及仪表名称、规格、编号 | | | | | | | | | | | | | | | | |
| 试验人员 | | |  | | | | | | | | | 试验日期 | | | 年 月 日 | | | | |
| 8.绝缘油试验 | | | | | | | | | | | | | | | | | | | |
| 和别 | | | | | | | A相 | | | | B相 | | | | | C相 | | | |
| 绝缘油耐压值(kV) | | | | | | |  | | | |  | | | | |  | | | |
| 其他项目参见绝缘油试验报告 | | | | | | | | | | | | | | | | | | | |
| 9.检查互感器的变比 | | | | | | | | | | | | | | | | | | | |
| 相别 | | la— In | | | | | | | 2a-2n | | | | | da— dn | | | | | |
| 额定变比 | | | 实测变比 | | | | 额定变比 | | 实测变比 | | | 额定变比 | | | | 实测变比 | |
| A相 | |  | | |  | | | |  | |  | | |  | | | |  | |
| B相 | |  | | |  | | | |  | |  | | |  | | | |  | |
| C相 | |  | | |  | | | |  | |  | | |  | | | |  | |
| 试验环境 | | | 环境温度：℃ | | | | | | | | | | | | | | | | |
| 试验设备 | | | 试验仪器及仪表名称、规格、编号 | | | | | | | | | | | | | | | | |
| 试验人员 | | |  | | | | | | | | | 试验日期 | | | 年 月 日 | | | | |
| 10.测量1000V以上电压互感器的励磁特性 | | | | | | | | | | | | | | | | | | | |
| 相别 | 二次绕组 | | | 20% | | 50% | | 80% | | 100% | | | 120% | | | | 150% | | 190% |
| 耐压前 | | 耐压后 |
| A相 | la— In | | |  | |  | |  | |  | |  |  | | | |  | |  |
| 2a-2n | | |  | |  | |  | |  | |  |  | | | |  | |  |
| da-dn | | |  | |  | |  | |  | |  |  | | | |  | |  |
| B相 | la— In | | |  | |  | |  | |  | |  |  | | | |  | |  |
| 2a-2n | | |  | |  | |  | |  | |  |  | | | |  | |  |
| da-dn | | |  | |  | |  | |  | |  |  | | | |  | |  |
| C相 | la— in | | |  | |  | |  | |  | |  |  | | | |  | |  |
| 2a-2n | | |  | |  | |  | |  | |  |  | | | |  | |  |
| da— dn | | |  | |  | |  | |  | |  |  | | | |  | |  |
| 试验环境 | | | | 环境温度：℃ | | | | | | | | | | | | | | | |
| 试验设备 | | | | 式验仪器及仪表名称、规格、编号 | | | | | | | | | | | | | | | |
| 试验人员 | | | |  | | | | | | | | 试验日期 | | | 年 月 日 | | | | |
| 11.密封性能检查 | | | | | | | | | | | | | | | | | | | |
| 外表有无可见泪渍 | | | |  | | | | | | | | | | | | | | | |
| 12.试验结论 | | | | | | | | | | | | | | | | | | | |
| 结 论 | | | |  | | | | | | | |  | | |  | | | | |
| 审核人员 | | | |  | | | | | | | | 审核日期 | | | 年 月 日 | | | | |