****

**电力电容器组交接试验报告**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 设备名称 | |  | | | | | | | | | | | |
| 1.电容器参数 | | | | | | | | | | | | | |
| 型号 | |  | | | | 额定电压(KV) | | | |  | | | |
| 出厂日期 | |  | | | | 产品编号 | | | |  | | | |
| 制造厂 | |  | | | | 额定电流 (A) | | | |  | | | |
| 额定电容量 | |  | | | |  | | | |  | | | |
| 2.试验依据 | | | | | | | | | | | | | |
| 试验采用标准、设计技术参数及合同要求 | | | | | | | | | | | | | |
| 3.电容器测量 | | | | | | | | | | | | | |
| 相别 | 电容序号 | 出厂日期 | 电容量 | | | | 绝缘电阻(MΩ) | | | 交流耐压 | | | |
| 标称值  (pF) | 测试值  (pF) | 相差(%) | | 耐压前 | | 耐压后 | 出厂  耐压值  (kV) | | 交流  耐压值  (KV) | 耐压时间  (min) |
| A相 |  |  |  |  |  | |  | |  |  | |  |  |
|  |  |  |  |  |  | |  | |  |  | |  |  |
|  |  |  |  |  |  | |  | |  |  | |  |  |
|  |  |  |  |  |  | |  | |  |  | |  |  |
|  | 电容的最大值和最小值之比 | |  | | | |  | | | | | | |
| B相 |  |  |  |  |  | |  | | | | | | |
|  |  |  |  |  |  | |  | |  |  | |  |  |
|  |  |  |  |  |  | |  | |  |  | |  |  |
|  |  |  |  |  |  | |  | |  |  | |  |  |
|  | 电容的最大值和最小值之比 | |  | | | |  | |  |  | |  |  |
| C相 |  |  |  |  |  | |  | |  |  | |  |  |
|  |  |  |  |  |  | |  | |  |  | |  |  |
|  |  |  |  |  |  | |  | |  |  | |  |  |
|  |  |  |  |  |  | |  | |  |  | |  |  |
|  | 电容的最大值和最小值之比 | |  | | | | | | | | | | |
| 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.电容器组测量 | | | | | | | | | | |
| 相别 | 桥壁编号 | | 绝缘电阻(MΩ) | | 电容量 | | | | | |
| 出厂值(pF) | | 测试值(pF) | | | 差值(%) |
| A相 | 1 | |  | |  | |  | | |  |
| 2 | |  | |  | |  | | |  |
| 3 | |  | |  | |  | | |  |
| 4 | |  | |  | |  | | |  |
| 总电容 | |  | |  | |  | | |  |
| B相 | 1 | |  | |  | |  | | |  |
| 2 | |  | |  | |  | | |  |
| 3 | |  | |  | |  | | |  |
| 4 | |  | |  | |  | | |  |
| 总电容 | |  | |  | |  | | |  |
| C相 | 1 | |  | |  | |  | | |  |
| 2 | |  | |  | |  | | |  |
| 3 | |  | |  | |  | | |  |
| 4 | |  | |  | |  | | |  |
| 总电容 | |  | |  | |  | | |  |
| 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 | |
| 5.电容器组的冲击合闸试验 | | | | | | | | | | |
| 相别 | 第一次冲击合闸电流 (A) | | | 第二次冲击合闸电流(A) | | | | 第三次冲击合闸电流(A) | | |
| A |  | | |  | | | |  | | |
| B |  | | |  | | | |  | | |
| C |  | | |  | | | |  | | |
| 差值(%) |  | | |  | | | |  | | |
| 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.试验结论 | | | | | | | | | | |
| 结 论 | |  | | | | | | | | |
| 审核人员 | |  | | | | 审核日期 | | | 年 月 日 | |