**消弧线圈交接试验报告**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 设备名称 | | | |  | | | | | | | | |
| 1.设备参数 | | | | | | | | | | | | |
| 型号 | | | |  | | | | | 产品编号 | |  | |
| 额定功率 | | | |  | | | | | 额定容量(KVA) | |  | |
| 额定电压(KV) | | | |  | | | | | 额定电流(A) | |  | |
| 制造厂家 | | | |  | | | | | 绝缘等级 | |  | |
| 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.绕组连同套管的直流电阻 | | | | | | | | | | | | |
| 绕组 | 抽头位置 | | | | | 出厂值(\_\_℃) | | 实测值 | | 折算至出厂温度 | | 变化误差(%) |
| 一次绕组 | I (Ω) | | | | |  | |  | |  | |  |
| Ⅱ(Ω) | | | | |  | |  | |  | |  |
| Ⅲ(Ω) | | | | |  | |  | |  | |  |
| Ⅳ(Ω) | | | | |  | |  | |  | |  |
| V (Ω) | | | | |  | |  | |  | |  |
| 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 |
| 4.绕组连同套管的绝缘电阻、吸收比 | | | | | | | | | | | | |
| 相别 | | 实测值(MΩ) | | | | | | | | 吸收比 | | 极化指数 |
| 15s | | | 60s | | 10min | | |
|  | |  | | |  | |  | | |  | |  |
| 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.绕组连同套管的介质损耗角正切值tanδ | | | | | | | | | | | | | | | | |
| 相别 | | tanδ | | | | | | | 电容量 | | | | | | | |
| 出厂值(%) | | 实测值(%) | | 差值(%) | | | 出厂值(pF) | | | | 实测值(pF) | | | 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.绕组连同套管的交流耐压试验 | | | | | | | | | | | | | | | | |
| 测试绕组 | | 试前绝缘(MΩ) | | | 试后绝缘(MΩ) | | 试验电压(kV) | | | | | 试验频率(Hz) | | | 试验时间(min) | |
|  | |  | | |  | |  | | | | |  | | |  | |
| 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 | | |
| 7.与铁心绝缘的各紧固件的绝缘电阻 | | | | | | | | | | | | | | | | |
| 相别 | 穿心螺栓(MΩ) | | | 轨铁夹件(MΩ) | | | | 绑扎钢带(MΩ) | | | | | | 铁心(MΩ) | | |
|  |  | | |  | | | |  | | | | | |  | | |
| 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 | | |
| 8.非纯瓷套管的试验 | | | | | | | | | | | | | | | | |
| 参见非纯瓷套管试验报告 | | | | | | | | | | | | | | | | |
| 9.绝缘油试验 | | | | | | | | | | | | | | | | |
| 绝缘油耐压值(kV) | | |  | | | | | | | | | | | | | |
| 其他项目参见绝缘油试验报告 | | | | | | | | | | | | | | | | |
| 10.试验结论 | | | | | | | | | | | | | | | | |
| 结 论 | |  | | | | | | | | | | | | | | |
| 审核人员 | |  | | | | | | | | 审核日期 | | | | 年 月 日 | | |