油浸电抗器交接试验报告

|  |  |  |  |  |  |  |  |  |  |  |  |  |
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| 设备名称 | | |  | | | | | | | | | |
| 1、设备参数 | | | | | | | | | | | | |
| 型号 | | |  | | | | 额定电压(KV) | | |  | | |
| 额定电流(A) | | |  | | | | 额定容量(KVA) | | |  | | |
| 产品编号 | | |  | | | | 绝缘等级 | | |  | | |
| 额定电抗 | | |  | | | | 额定频率(Hz) | | |  | | |
| 出厂日期 | | |  | | | | 制造厂率 | | |  | | |
| 2、试验依据 | | | | | | |  | | |  | | |
| 试验采用标准、设计技术参数及合同要求 | | | | | | | | | | | | |
| 3、绕组的直流电阻测量 | | | | | | | | | | | | |
| 绕组抽头位置 | | 相别 | | | 出厂值(mΩ)  (\_\_\_℃) | | 实测值  (mΩ) | | 折算至出厂温度(mΩ) | | 变化误差  (%) | 相间差  (%) |
| I | | A相 | | |  | |  | |  | |  |  |
| B相 | | |  | |  | |  | |  |
| C相 | | |  | |  | |  | |  |
| Ⅱ | | A相 | | |  | |  | |  | |  |  |
| B相 | | |  | |  | |  | |  |
| C相 | | |  | |  | |  | |  |
| N相 | | | | |  | | | | | | | |
| 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、绕组连同套管的绝缘电阻、吸收比或极化指数 | | | | | | | | | | | | |
| 相别 | 绝缘电阻(MΩ) | | | | | | | 吸收比 | | | 极化指数 | |
| 15s | | | 60s | | 10min | | R60s/R15s | | | R10nin/R1min | |
| A相 |  | | |  | |  | |  | | |  | |
| B相 |  | | |  | |  | |  | | |  | |
| C相 |  | | |  | |  | |  | | |  | |
| N相 |  | | |  | |  | |  | | |  | |
| 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 | | |

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| 5、绕组连同套管的介质损耗角正切值 tanδ | | | | | | | | | | | | | |
| 测试绕组 | | | A相 | | B相 | | | | C相 | | | N相 | |
| tanδ | 出厂值 (%) | |  | |  | | | |  | | |  | |
| 实测值 (%) | |  | |  | | | |  | | |  | |
| 差值(%) | |  | |  | | | |  | | |  | |
| C | 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) | | 出厂耐压值(KV) | | 试验电压  (KV) | | 试验频率  ( Hz) | | | 试验时间  (min) |
| A相 | |  | |  | |  | |  | |  | | |  |
| B相 | |  | |  | |  | |  | |  | | |  |
| C相 | |  | |  | |  | |  | |  | | |  |
| N相 | |  | |  | |  | |  | |  | | |  |
| 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 | | A相 | | B相 | | | C相 | | | | N相 | | |
| 铁心(MΩ) | |  | |  | | |  | | | |  | | |
| 夹件(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 | | | | | | | | | | | | | |

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| 9、额定电压下冲击合闸试验 | | | | |  | | | |  | | | |  |
| 相别 | 冲击次数 | | | | 间隔时间 (min) | | | | 冲击结果 | | | | 备注 |
| 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、噪声 | | | | | | | | | |  | | |  |
| 相别 | | | | A相 | | | B相 | | | C相 | | | N相 |
| 噪声dB(A) | | | |  | | |  | | |  | | |  |
| 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 | |
| 11、箱壳的振动 | | | | | | | | | | | | | |
| 相别 | | | | A相 | | | B相 | | | C相 | | | N相 |
| 振幅双峰值(μm) | | | |  | | |  | | |  | | |  |
| 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 | |
| 12、绝缘油试验 | | | | | | | | | | | | | |
| 相别 | | | | A相 | | | B相 | | | C相 | | | N相 |
| 绝缘油耐压 (KV) | | | |  | | |  | | |  | | |  |
| 其他项目参见绝缘油试验报告 | | | | | | | | | | | | | |
| 13、箱壳表面的温度分布 | | | | | | | | | | | | | |
|  | 测量点 | | 1 | | | 2 | | 3 | | | 4 | | 5 |
| 温升(℃) | A相 | |  | | |  | |  | | |  | |  |
| B相 | |  | | |  | |  | | |  | |  |
| C相 | |  | | |  | |  | | |  | |  |
| N相 | |  | | |  | |  | | |  | |  |

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| 试验人员 |  | 试验日期 | 年 月 日 |
| 14、试验结论 | | | |
| 结 论 |  | | |
| 审核人员 |  | 审核日期 | 年 月 日 |