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| **镇江索普化工设计工程有限公司** | | | | 江苏索普（集团）有限公司环保综合治理项目 | | 施工图设计 | | | 1版 |
| -甲醇硫回收装置扩建及ADC废渣治理项目 | |  | | | |
| 安全阀数据表 | |
| 第8页 | | 共11页 | |
| 位号 | | | |  |  | | PSV511 | | |
| 数量 | | | |  |  | | 1 | | |
| 应用标准 | | | |  |  | |  | | |
| 安全阀类型 | | | |  |  | |  | | |
| 设计 | | 压力[MPaG] | |  |  | |  | | |
| 条件 | | 温度[℃] | |  |  | | 268 | | |
| 操作 | | 压力[MPaG] | |  |  | | 4.1 | | |
| 条件 | | 温度[℃] | |  |  | | 268 | | |
| 整定压力[MPaG] | | | |  |  | | 4.92mpa | | |
| 排放背压[MPaG] | | | |  |  | |  | | |
| 附加恒定背压[MPaG] | | | |  |  | |  | | |
| 附加变动背压[MPaG] | | | |  |  | |  | | |
| 总背压[MPaG] | | | |  |  | | 0 | | |
| 流体数据 | | | | | | | | | |
| 流体 | | | |  |  | | 蒸汽 | | |
| Cp/Cv | | | |  |  | |  | | |
| z | | | |  |  | |  | | |
| 粘度[cp] | | | |  |  | |  | | |
| 流量[Kg/h] | | | |  |  | | 2760 | | |
| 排放温度[℃] | | | |  |  | | 268 | | |
| 分子量(Kg/Kmol) | | | |  |  | | 18 | | |
| 密度(Kg/ m3) | | | |  |  | |  | | |
| 喉颈处允许超压[%] | | | |  |  | |  | | |
| 计算口径 | | | |  |  | |  | | |
| 进口管线 | | | |  |  | |  | | |
|  |  | |  | | |
| 出口管线 | | | |  |  | |  | | |
|  |  | |  | | |
| P&ID 图号 | | | |  |  | | 19 | | |
| 规格 | | | 进口 |  |  | | 1寸 600LB | | |
| 出口 |  |  | | 2寸 600LB | | |
| 材料 | | | | | | | | | |
| 阀体和阀盖 | | | |  |  | | 碳钢 | | |
| 阀杆 | 阀瓣 | | |  |  | |  | | |
| 阀座 | | |  |  | |  | | |
| 导向套与密封圈 | | | |  |  | |  | | |
| 弹簧 | | | |  |  | |  | | |
| 波纹管 | | | |  |  | |  | | |
|  | | | |  |  | |  | | |
| 备注 | | | |  |  | | 整定压力4.92 | | |

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| **镇江索普化工设计工程有限公司** | | | | 江苏索普（集团）有限公司 | | | 施工图设计 | | | 1版 |
| 60万吨/年醋酸三期工程技术改造项目 | | |  | | | |
| 安全阀数据表 | | |
| 第9页 | | 共11页 | |
| 位号 | | | | PSV512 | PSV513 | | |  | | |
| 数量 | | | | 1 | 1 | | |  | | |
| 应用标准 | | | |  |  | | |  | | |
| 安全阀类型 | | | |  |  | | |  | | |
| 设计 | | 压力[MPaG] | |  |  | | |  | | |
| 条件 | | 温度[℃] | | 268 | 177 | | |  | | |
| 操作 | | 压力[MPaG] | | 4.1 | 0.7 | | |  | | |
| 条件 | | 温度[℃] | | 268 | 177 | | |  | | |
| 整定压力[MPaG] | | | | 4.92mpa | 0.75mpa | | |  | | |
| 排放背压[MPaG] | | | |  |  | | |  | | |
| 附加恒定背压[MPaG] | | | |  |  | | |  | | |
| 附加变动背压[MPaG] | | | |  |  | | |  | | |
| 总背压[MPaG] | | | | 0 | 0 | | |  | | |
| 流体数据 | | | | | | | | | | |
| 流体 | | | | 蒸汽 | | 蒸汽 | |  | | |
| Cp/Cv | | | |  | |  | |  | | |
| z | | | |  | |  | |  | | |
| 粘度[cp] | | | |  | |  | |  | | |
| 流量[Kg/h] | | | | 2760 | | 178 | |  | | |
| 排放温度[℃] | | | | 268 | | 180 | |  | | |
| 分子量(Kg/Kmol) | | | | 18 | | 18 | |  | | |
| 密度(Kg/ m3) | | | |  | |  | |  | | |
| 喉颈处允许超压[%] | | | |  | |  | |  | | |
| 计算口径 | | | |  | |  | |  | | |
| 进口管线 | | | |  | |  | |  | | |
|  | |  | |  | | |
| 出口管线 | | | |  | |  | |  | | |
|  | |  | |  | | |
| P&ID 图号 | | | | 19 | | 20 | |  | | |
| 规格 | | | 进口 | 1寸 600LB | | 1寸 150LB | |  | | |
| 出口 | 2寸 600LB | | 2寸 150LB | |  | | |
| 材料 | | | | | | | | | | |
| 阀体和阀盖 | | | | 碳钢 | | 碳钢 | |  | | |
| 阀杆 | 阀瓣 | | |  | |  | |  | | |
| 阀座 | | |  | |  | |  | | |
| 导向套与密封圈 | | | |  | |  | |  | | |
| 弹簧 | | | |  | |  | |  | | |
| 波纹管 | | | | - | | - | |  | | |
|  | | | |  | |  | |  | | |
| 备注 | | | | 整定压力4.92 | | 整定压力0.75 | |  | | |