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|--|--------------------------------|--|---------------|------------------------------------|-------------------------|------------------|------------|
| <br>江苏索普工程科技有限公司<br>JiangSu SOP0 Engineering<br>Technology Co. Ltd. | 仪表数据表<br>INSTRUMENT DATA SHEET |  |               | 江苏索普化工股份有限公司<br>ADC空压系统改造项目        |                         |                  |            |
|  | 自动分析器<br>ANALYZER              |  |               | 工程号<br>ENG. NO.                    | 202501-136              | 主项号<br>PROJ. NO. |            |
|  | 合同号<br>CONT. NO.               |  |               | 图号<br>DWG. NO. 202501-136-K03-24/0 |                         |                  |            |
|  |                                |  | 设计阶段<br>STAGE | 施工图                                | 第 1 张 共 1 张<br>SHEET OF |                  |            |
| 位号 TAG NO.   |                                | AE/AT-1001   |               |                                    |                         |                  |            |
| 用途 SERVICE   |                                | V-1001压缩空气<br>露点测量   |               |                                    |                         |                  |            |
| P&ID号 P&ID NO.   |                                |  |               |                                    |                         |                  |            |
| 采样点设备或管道号 EQUIP. OR PIPE NO.   |                                | PA-1003-300-M1B  |               |                                    |                         |                  |            |
| 设备或管道规格 EQUIP. OR PIPE SPECIFY.  |                                | DN300  |               |                                    |                         |                  |            |
| 设备或管道材料 EQUIP. OR PIPE MATERIAL  |                                | 20#  |               |                                    |                         |                  |            |
| 操作条件 OPERATING CONDITIONS  |                                |  |               |                                    |                         |                  |            |
| 工艺介质 PROCESS FLUID   |                                | 压缩空气   |               |                                    |                         |                  |            |
| 操作压力 OPER. PRESSURE MPa(G)   |                                | 0.7  |               |                                    |                         |                  |            |
| 操作温度 OPER. TEMPER. °C  |                                | 常温   |               |                                    |                         |                  |            |
| 操作密度 DENSITY AT OPER. Kg/m <sup>3</sup>  |                                | 1.29   |               |                                    |                         |                  |            |
| 动力粘度 DYNAMIC VISCOSITY mPa.s   |                                |  |               |                                    |                         |                  |            |
| 介质组份 COMPONENT   |                                |  |               |                                    |                         |                  |            |
| NO. 1  |                                |  |               |                                    |                         |                  |            |
| NO. 2  |                                |  |               |                                    |                         |                  |            |
| NO. 3  |                                |  |               |                                    |                         |                  |            |
| NO. 4  |                                |  |               |                                    |                         |                  |            |
| 分析器规格 ANALYZER SPECIFICATION   |                                |  |               |                                    |                         |                  |            |
| 分析器名称 NAME   |                                | 氧化铝电容式露点分析仪  |               |                                    |                         |                  |            |
| 型号 MODEL   |                                |  |               |                                    |                         |                  |            |
| 分析组分 ANALYZING COMPONENT   |                                | H <sub>2</sub> O   |               |                                    |                         |                  |            |
| 测量范围 MEAS. RANGE   |                                | -110°C到+20°C/0-1000PPMv  |               |                                    |                         |                  |            |
| 输出信号 OUTPUT SIGNAL   |                                | 4~20mA   |               |                                    |                         |                  |            |
| 响应时间 ACCURACY  |                                | T63<5s   |               |                                    |                         |                  |            |
| 电气接口尺寸 ELEC. CONN. SIZE  |                                | 1/2"NPT  |               |                                    |                         |                  |            |
| 电源 POWER SUPPLY  |                                | 220V AC 50Hz   |               |                                    |                         |                  |            |
| 功率消耗 POWER CONSUMPTION   |                                |  |               |                                    |                         |                  |            |
| 防爆等级 EXPLOSION-PROOF CLASS   |                                |  |               |                                    |                         |                  |            |
| 安装位置 LOCATION  |                                | 就地   |               |                                    |                         |                  |            |
| 附件 ACCESSORIES   |                                | 成套   |               |                                    |                         |                  |            |
| 预处理装置 PRETREATMENT UNIT  |                                | 成套   |               |                                    |                         |                  |            |
| 返回点压力MPa(G)  |                                |  |               |                                    |                         |                  |            |
| 配套仪表 ACCESSORY INSTRUMENT  |                                |  |               |                                    |                         |                  |            |
| 制造厂 MANUFACTURER   |                                |  |               |                                    |                         |                  |            |
| 备注 REMARKS   |                                | 成套预处理系统和取样探头，取样管线及现场仪表柜所有测量管采用316SS的TUBE管；取样<br>管线考虑保温及电伴热；集成温度压力传感器；带触摸调试功能LED液晶显示；<br>带RS485/MODBUS-RTU通讯接口，现场304仪表柜800（高）*600（宽）*400（深） |               |                                    |                         |                  |            |
|  |                                |  |               |                                    |                         |                  |            |
|  |                                |  |               |                                    |                         |                  |            |
| 修改<br>REV.   | 说明<br>DESCRIPTION              | 设计<br>DESIGN   | 日期<br>DATE    | 校核<br>CHECKED                      | 日期<br>DATE              | 审核<br>APPD       | 日期<br>DATE |