



| 流体代号 | |
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| Fluid Code | |
| AR | 空气 Air Gas |
| CA | 碱液 Caustic |
| CB | 炭黑 Carbon black |
| CWR | 冷却水回水 Cooling water return |
| CWS | 冷却水上水 Cooling water supply |
| DE | 柴油 Diesel |
| FLG | 烟气 Flue gas |
| FV | 多余可燃气体 Extra NCG |
| IA | 仪表风 Instrument air |
| LPS | 低压蒸汽 Low pressure steam |
| NI | 氮气 Nitrogen |
| NG | 天然气 Nature gas |
| NCG | 不凝可燃气 Non-condensable Combustible gas |
| PGL | 气液两相物料 (油气) Process gas and liquid (oil and gas) |
| PA | 压缩空气 compressed air |
| PL | 工艺液体 (油水) Process liquid (oil and water) |
| RW | 新鲜水 Fresh water |
| SL | 固体产物 Solid |
| SW | 钢丝 Steel wire |
| VT | 排空 Vent atmospheric |
| WA | 废气 Waste Air |
| WCA | 废碱液 Waste Caustic |

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| — B.B. / NIUTECH — | 责任范围分界线 Dividing line of responsibility |
| — B.B. / NIUTECH — | B.B代表买方 B.B represents the buyer |
| Ⓜ | 工频电机 |
| Ⓜ | 变频电机 |

备注:

1. 本系统虚线——部分由建设方负责。
2. 天然气作为辅助燃料, 仅在初始启动时使用。
3. 烟气净化部分说明: 本图烟气净化工艺为一般配置, 仅供参考。建设方需提供项目地的烟气排放标准, 设计方会根据建设方提供的烟气排放指标, 校核或调整烟气净化工艺, 保证达标排放。
4. 冷却水池、碱液池、气柜、地坑(如有)等土建部分及需现场制作的设备, 由建设方负责。
5. 本图为主要工艺原理图, 随技术更新可能会有变化。
6. 本图标黄处为建设方负责范围, 标绿处为公用部分设备。

Note:

1. The systems in —— part shall be responsible by the Owner.
2. The nature gas is used as auxiliary fuel, and only be used at the initial start-up stage.
3. Regarding the flue gas purification system: the flue gas purification process shown in this drawing is only the standard configuration for reference. The Client needs to provide the local emission standards. The supplier will check and adjust the flue gas purification process based on local emission requirement, to ensure satisfy it.
4. The Owner shall be responsible for the construction parts such as cooling water pond, caustic solution pond, gas cabinet, trench (if any) and other equipment to be made on site.
5. This drawing shows the main process schematic diagram, it may be changed with technical update.
6. The yellow part is the responsibility of Owner, and the green part is the common equipment shared by reactor lines.

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