Scheme Parameter Collection Table

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| --- | --- | --- | --- | --- |
| **Item** | **Parameters** | | **Value** | **Remark** |
| 1 | Contact person and contact Phone Number | |  |  |
| 2 | **Kiln type** | |  | For example: Lime Kiln |
| 3 | **Fuel Type** | |  |  |
| 4 | **Environmental protection process route** | |  | Non-electric industry needs to provide: dust removal type, de-sulfurization type, process route layout, for example: SDS dry + dust collector bag-house +SCR |
| 5 | **Standard Smoke volume (wet base)（Nm3/h）** | |  | Please offer standard smoke volume(wet base) directly, or offer both working smoke volume and flue gas temperature |
| Working smoke volume | |  |
| Flue Gas temperature | |  |
| 6 | **Denitration operating temperature(℃)** | |  | Long-term operating temperature is required |
| 7 | **Denitrification inlet NOx concentration（mg/Nm3,Standard oxygen content%O2）** | |  |  |
| 8 | **Denitration inlet SO2 concentration（mg/Nm3）** | |  |  |
| 9 | **Dust concentration at denitration inlet（mg/Nm3）** | |  |  |
| 10 | Denitration inlet moisture content (%) | |  |  |
| 11 | **Denitrification outlet NOx concentration（mg/Nm3,Standard oxygen content%O2）** | |  |  |
| 12 | Ammonia escape rate（ppm） | |  | 3ppm default if not fill |
| 13 | SO2/SO3 conversion rate requirements | |  | 0.4-0.5% is reasonable per layer |
| 14 | Original catalyst parameters | Original catalyst unit size |  | These details need be provide when it is an extra added or technical renovation case |
| 15 | Original catalyst module size |  |
| 16 | Original Catalyst overall arrangement |  |
| 17 | Qty of Original Catalyst layer |  |
| 18 | Original Catalyst Holes |  |
| 19 | Original Catalyst Volume(CBM) |  |
| 20 | Description of original catalyst usage |  |
| 21 | Requirements for reactor size | |  |  |
| 22 | Number of catalyst holes required | |  |  |
| 23 | Number of catalyst layers required | |  |  |
| 24 | **Special components in flue gas** | |  | For glass kilns, refractory kilns and biomass kilns, it is necessary to specify whether there is fluoride, tar, and volatile organic compounds generated by incomplete combustion in the flue gas. Otherwise, it is not contained by default |

Note: Bold fields are required