

## Absorption tower process conditions

1. Absorbed media name: \_\_\_\_\_, Inlet media content: \_\_\_\_\_ g/Nm<sup>3</sup>;
2. Adsorbent name: \_\_\_\_\_, Adsorbent dosage: \_\_\_\_\_ m<sup>3</sup>/hr; Temperature \_\_\_\_\_ °C,  
Medium content in exhaust gas: \_\_\_\_\_ g/Nm<sup>3</sup>;
3. Absorption medium temperature: inlet tower: \_\_\_\_\_ °C, outlet tower: \_\_\_\_\_ °C
4. Absorption temperature: Summer \_\_\_\_\_ °C, Winter \_\_\_\_\_ °C
5. Operating pressure (Table) Tower Top \_\_\_\_\_ MPa, Tower kettle \_\_\_\_\_ MPa;
6. Inlet gas composition & content: (Volume percentage)

Inlet						
Outlet						

7. Original tower top pressure \_\_\_\_\_ Mpa, Kettle Pressure \_\_\_\_\_ MPa  
Original tower top temperature: \_\_\_\_\_ °C, Kettle Temperature \_\_\_\_\_ °C;
8. If Original tower was remodeled:
- Tower Diameter: \_\_\_\_\_ mm, Number of Plate: \_\_\_\_\_ layers
- Distance of plate : \_\_\_\_\_ mm,
- Plate shape: \_\_\_\_\_ Feeding position: \_\_\_\_\_
- Tower Height : \_\_\_\_\_ mm
9. Material: \_\_\_\_\_.
10. With or without cooling coil: \_\_\_\_\_.
11. Other requirement: \_\_\_\_\_.
12. Absorption system process flow diagram: (refer to attachment )