

Basic information for quotation of boiler-systems

1. Client

Company _____
 Contact person _____
 Telephone / Email _____ / _____
 Reference no. client _____ Carbotechnik _____

2. Installation location

Country / city _____ / _____
 Height above sea level _____ m
 Temperature _____ °C (MIN) _____ °C (MAX) _____ °C (normal)
 Installation location dry ☐ yes ☐ no
 ATEX-Zone around boiler ☐ no zone ☐ zone 22

3. Combustible

Type of combustible _____
 Grain size distribution _____
 Net calorific value (LHV) _____ kJ / kg_{comb.} (MIN) _____ kJ / kg_{comb.} (MAX)
 Volatiles _____ weight-% waf water content _____ weight-% af
 Ash content _____ weight-%
 Alternative combustible gas ☐ yes ☐ no
 Ignition gas ☐ natural gas ☐ propane ☐ _____
 low pressure ☐ 500 mbar g ☐ _____ mbar g

4. Boiler

Amount of steam _____ t/h (MIN) _____ t/h (MAX)
 Boiler pressure _____ bar (g)
 Steam temperature _____ °C feed water temperature _____ °C
☐ saturated steam ☐ superheated steam ☐ warm-water-boiler ☐ generator ____ MW

5. Electrics

Power supply ☐ 400 V AC ☐ _____ V AC ☐ 50 Hz ☐ 60 Hz
 Control voltage ☐ 24 V DC ☐ _____

6. Emissions

Limits [mg/Nm³] at _____ % vol.O₂ reference _____ CO _____ NO_x _____ SO₂
 Noise level MAX. (1 m distance) ☐ 85 dB(A) ☐ _____ dB(A)

7. Installation

☐ mechanical installation ☐ electrical installation ☐ commissioning

8. Other
