

Customer / Project	
Company:	Date:
Project:	Phone:
Plant type:	Installation site:
Contact person:	E-mail:

Plant specification	
Plant:	<input type="checkbox"/> New <input type="checkbox"/> Modernization
Previous ignition system	
Any experiences with plasma ignition system?	<input type="checkbox"/> No <input type="checkbox"/> Yes,
Motivation to use a plasma ignition system	
Design and manufacture of the burner	
Fuel	
Is there a fuel analysis available?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Using of the plasma ignition system	<input type="checkbox"/> Intermittent operation <input type="checkbox"/> Continuous operation
Heat release of the burner	Min. start-up heat release: MW Max. heat release: MW
Combustion chamber atmosphere: Corrosive? Temperature range	<input type="checkbox"/> Yes <input type="checkbox"/> No From °C to °C
Static combustion chamber pressure	mbar
Dynamic combustion chamber pressure	mbar to mbar
Which applicable standards and codes of practice will be used for?	
Are the following media permanent available:	
Pressure air	<input type="checkbox"/> Yes <input type="checkbox"/> No
Coaling water	<input type="checkbox"/> Yes <input type="checkbox"/> No
In which quality are they available?	
Is there a cooling water analysis available?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Is a burner arrangement drawing available?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Interface to the burner / combustion chamber control system	

Plasma ignition system specification	
Plasma lance	
Installation length (max. 5000 mm)	mm
Division of the plasma lance outer tube due to shipment reason or installation reason	<input type="checkbox"/> No division is required <input type="checkbox"/> 1 split
Material plasma lance outer tube	<input type="checkbox"/> 1.4571 <input type="checkbox"/> Other:

Is a mounting flange required? If yes, which one?	<input type="checkbox"/> No <input type="checkbox"/> Yes,
Installation area	<input type="checkbox"/> Inside <input type="checkbox"/> Outdoor
Which protection class for the plasma lance head is required?	IP
Surrounding temperature range of the plasma lance head	From °C to °C
Installation position	
Purge-temperature of the guide tube (plasma lance)	°C
Power supply unit	
Dimension (BxHxD)	<input type="checkbox"/> Standard (600 x 2000 x 400) <input type="checkbox"/> Other: mm
Place of installation	<input type="checkbox"/> Inside <input type="checkbox"/> Outdoor
Protection class for the power supply unit?	IP
Surrounding temperature range of the power supply unit	From °C to °C
Available voltage (+/-10%, 50/60 Hz)	V +/- % at Hz
Connecting line	
Length (max. 12 m)	m
Further information	

que_plasma_Heg_en