

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

### Plant specification

Combustion chamber atmosphere corrosive?	<input type="checkbox"/> No <input type="checkbox"/> Yes
Temperature range	from    °C to    °C
Static combustion chamber pressure	mbar(g)
Dynamic combustion chamber pressure	mbar(g) to    mbar(g)
Is the combustion chamber governed by the Pressure Equipment Directive?	<input type="checkbox"/> No <input type="checkbox"/> Yes, pressure:    bar Category I <input type="checkbox"/> Category II <input type="checkbox"/> Category III <input type="checkbox"/> Category IV <input type="checkbox"/>
Applicable standards and codes of practice?	<input type="checkbox"/> EN 676 (forced draught burners) <input type="checkbox"/> EN 746-2 (ind. thermoproc. equipm.) <input type="checkbox"/> EN 60079-10-1 (Ex-zones gas, see explosion questionnaire) <input type="checkbox"/> EN 60079-10-2 (Ex-zones dust, see explosion questionnaire) <input type="checkbox"/> EN 298 (burner controls) <input type="checkbox"/> IEC <input type="checkbox"/> EAC NFPA: <input type="checkbox"/> class 1 <input type="checkbox"/> class 2 <input type="checkbox"/> class 3 <input type="checkbox"/> Other

### Gas burner specification

Mechanical conditions	
Required heat release	kW
Required turn down ratio	
Operation	<input type="checkbox"/> 1-stage <input type="checkbox"/> 2-stage <input type="checkbox"/> Modulating
Gas type	<input type="checkbox"/> Natural gas <input type="checkbox"/> LPG <input type="checkbox"/> Special gas (gas analysis required)
Available gas pressure	mbar(g)
Available combustion air pressure	mbar(g)
Combustion air temperature	from    °C to    °C
Outer tube length	mm (in 10 mm - steps)
Outer tube material	<input type="checkbox"/> Steel galvanized (standard) <input type="checkbox"/> Stainless steel <input type="checkbox"/> Other
Mounting flange	<input type="checkbox"/> Hegweïn standard <input type="checkbox"/> Special plate flange <input type="checkbox"/> EN1092-1: DN    ,PN <input type="checkbox"/> ASME B16.5:    ,    lbs,    inch
Drawing of the burner	<input type="checkbox"/> Yes <input type="checkbox"/> No

Equipment	
Spark transformer integrated?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Spark transformer and ionisation flame monitor integrated?	<input type="checkbox"/> No <input type="checkbox"/> Yes, continuous operation <input type="checkbox"/> Yes, intermittent operation
Spark transformer and burner control integrated?	<input type="checkbox"/> No <input type="checkbox"/> Yes, continuous operation <input type="checkbox"/> Yes, intermittent operation
Options for the ionisation flame monitor	<input type="checkbox"/> Potential free contact <input type="checkbox"/> 4 – 20 mA output signal to annunciate the flame intensity (not available for Ex area) <input type="checkbox"/> Bargraph display (for gas fired igniters with a heat release of 250 kW or more, not for Ex-zone 1)
Approval of the ionisation flame monitor	<input type="checkbox"/> EN <input type="checkbox"/> EAC <input type="checkbox"/> UL <input type="checkbox"/> KOSHA
Safety level	<input type="checkbox"/> Keine <input type="checkbox"/> SIL2 (SIL3 in preparation)
Supply voltage (50/60 Hz)	<input type="checkbox"/> 230 V <input type="checkbox"/> 115 V <input type="checkbox"/> 125 V <input type="checkbox"/> 250 V
Place of installation	<input type="checkbox"/> Indoor <input type="checkbox"/> Outdoor
IP rating of the power head	<input type="checkbox"/> IP 54 <input type="checkbox"/> IP 65 <input type="checkbox"/> IP 66
Length of the sealed in cable	<input type="checkbox"/> 5 m (min. length) <input type="checkbox"/> 10 m <input type="checkbox"/> 15 m <input type="checkbox"/> m (Not for fired igniters in zone 1/21)
Painting of the power head	<input type="checkbox"/> Standard (silver) <input type="checkbox"/> C4 (saline atmosphere; not for version zone 21 and zone 22)
Ambient temperature of the power head in non-hazardous area	<input type="checkbox"/> -30 °C to +60 °C (Standard) <input type="checkbox"/> -30 °C to +80 °C (Further temperature ranges and Ex information on the questionnaire for hazardous area)
Test certificate according to EN 10204 required?	<input type="checkbox"/> No <input type="checkbox"/> Declaration of compliance with the order 2.1 <input type="checkbox"/> Test report 2.2 <input type="checkbox"/> Inspection certificate 3.1
Manual language	<input type="checkbox"/> German <input type="checkbox"/> English <input type="checkbox"/> Other
Required explosion protection for the power head	<input type="checkbox"/> No <input type="checkbox"/> Yes, <input type="checkbox"/> ATEX (ATEX - questionnaire) <input type="checkbox"/> IECEx (IECEx - questionnaire) <input type="checkbox"/> FM (Certificate of Compliance) Nonincendive for use in Class I, Division 2, Groups A, B, C and D Hazardous (Classified) Locations; Type 4 for indoor and outdoor use. The ambient temperature range for the product is -40 °C to +60 °C. (for igniters with a heat release of 120 kW or 250 kW)

**Further requirements  
and comments**

que\_gas burner\_Heg\_en