

Gas Fired Igniter (Ignition Burner) Inquiry Check List

Customer/ Partner _____ Date _____

Contact _____ Preferred contact by _____

Project _____ Tel. _____ Email _____

Location – country _____

Plant Details

Plant type _____

Application Furnace, natural draft Furnace, forced draft Boiler Incinerator

Heater/ furnace draft min. _____ max. _____

Ignitor mounting position Vertical Horizontal

Ignitor outer tube diameter 48 mm 54 mm 38 mm
other _____

Total length _____

Air sleeves position (A) _____

Insert length _____

Mounting flange 2" ANSI 150 LBS RF 2 1/2" ANSI 150 LBS RF Special plate flange

Drawing of the main burner available Yes No

Explosion proof (ignitor) required Yes No

ATEX Zone 1 Zone 2 Gas Group IIC Gas Group IIB

Gas pressure min. _____ Barg max. _____ Barg

Ignitor gas Natural gas Propane LPG
Other, gas composition required _____

Required heat release _____ kW

Required flame length _____

Flame detection Ionisation By external flame scanner

Frequency in use continuously intermittent

Combustion air self aspirating forced draft

Will preheated combustion air be fed to the gas fired ignitor Yes _____ °C No

Windbox pressure min. _____ max. _____

Ambient air temperature -20 to 60 °C -40 to 80 °C -40 to 70 °C

Distance to ignition unit _____

Power supply ignition unit 230 VAC 115 VAC Other _____

Explosion proof required Yes No

ATEX Zone 1 Zone 2 Gas Group IIC Gas Group IIB

IECEX Zone 1 Zone 2 Gas Group IIC Gas Group IIB