



Forney Corporation

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Flame Safeguard Questionnaire

Customer: Date :

Project-Name : Plant-Type :

Responsible: Phone:

Attn.: Fax :

TECHNICAL BOILER DETAILS

Type of Combustion : Wall Burner

Type of Boiler: Floor Burner

Boiler Manufacturer: Roof Burner

Boiler Capacity: Corner Burner

Steam Capacity in MW Opposed Burner

..... Other:.....

Fresh Air Operation : cold warm

Gas Turbine Operation: yes no

Top Air (Over Fire air) yes no

FUEL

Fuel : Gas Oil Coal

Fuel Combinations : Coal/Oil Coal/Gas Gas/Oil

other fuels :

BURNER

Type of burner: Number of burners:

Number of burner levels: Number on each level:

Burner Manufacturer:

Low NO_x Combustion: yes no

Recirculation Combustion: yes no external

..... Vol. % O₂ % Proportion internal

Pilot Flame to be monitored: yes no
 Fuel Gas oil other.....
 Ignition manual High Tension High Voltage

CONTROL UNIT

Flame Detector existent: yes no
 Manufacturer/Type:

Forney Type planed: DP7000 Series R-6101E Series RM-IDD
 μ M Flame Worx Others.....

Installation in a cabinet: 19" Rack Rear Wall Front Door
 Housing for wall mounting: Type: Ex. Enclosure

FLAME SENSOR

Flame sensor planed: DPD Uniflame DR-6101
 Flame Rod IDD/UDD UV4
 UV IR UV & IR

Sensitive Range: wavelength needed from nm to nm

Explosion proof required: flame scanner flame amplifier cabinet

Installation : exterior interior

View pipe existent: yes no
 length: ft/m diameter: in/mm

View pipe position: axial <20° <90°.....
 opposite other:

Thread (sensor) : 1 "NPT 1" BSP other

Swivel mount needed: yes no

Heat insulator needed: yes no

ELECTRICAL CONNECTION

Power supply: V DC AC Hz

Cable (Sensor \leftrightarrow Control Unit): Length: ft / m

19 inch mounting rack needed : yes no

Output signal/Load: 0-10 Vdc 4-20 mA 0-20 mA

Remarks / Drawings enclosed: