**Applicant Information**

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| --- | --- |
| Company:      | Contact Person:      |
| Address:      | Telephone:      |
| Email:      |

**Location of Installation/Inspection**

|  |  |
| --- | --- |
| Company:      | Contact Person:      |
| Address:      | Telephone:      |
| Email:      |

**Equipment Information**

|  |  |
| --- | --- |
| **[ ]**  New product(s) **[ ]**  Used product(s) | **[ ]**  Identical to previously evaluated, QPS project #:      |
|  Max Input Rating in Btu/h:       | Pilot Max Input Rating in Btu/h:      |
| Main Max. Inlet (Supply) pressure:      | Pilot Max Inlet ( Supply) pressure:      |
| Pressure Downstream of Main Regulator:      | Pressure Downstream of Pilot Regulator:      |
| Main Burner Manifold Pressure: Min:      | Max:      | Electrical Specificatios:       |
| Types of fuel(s): | Main: **[ ]**  Natural gas, **[ ]**  Propane gas, **[ ]**  Liquid, **[ ]**  Solid, **[ ]**  Other:      |
| Pilot: **[ ]**  Natural gas, **[ ]**  Propane gas, **[ ]**  Liquid, **[ ]**  N/A; **[ ]**  Other:      |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Manufacturer:** | **Model No.** | **Serial No.** | **Quantity** | **Type of Appliance and/or its Function** |
|  |  |  |  |       |
|  |  |  |  |  |
|  |  |  |  |  |

**To be evaluated:** **[ ]** Fuel-burning features only **[ ]**  Fuel-burning and Electrical features

**For Country:** **[ ]**  Canada only **[ ]**  US only  **[ ]**  Canada and US **[ ]**  Other:

**Installation:** **[ ]**  Indoors **[ ]**  Outdoors

**Area Classification:** **[ ]**  General Purpose **[ ]**  Class I, Zone 2 **[ ]**  Class I, Zone 1

**Burner Operation:** **[ ]**  Single Burner **[ ]**  Multiple with Common FSG **[ ]**  Multiple with Individual FSG

**Burner Type:** **[ ]**  Fan Assisted **[ ]**  Forced Draft **[ ]**  Natural Draft

**Fuel Air Ratio Control (FARC): [ ]**  Metered **[ ]**  Positioned **[ ]**  No FARC

**Modulation Type:** **[ ]**  On / Off **[ ]**  High / Low **[ ]**  Full 0 – 100%

**Flame Width (for line burners):** **[ ]**  < 3 feet **[ ]**  > 3 feet **[ ]**  N/A

**Burner Cycle Time:** **[ ]**  < 24 hours **[ ]**  > 24 hours

**Pilot Type: [ ]**  Continuous **[ ]**  Intermittent **[ ]**  Interrupted **[ ]**  N/A (Direct ignition)

**Pilot Trial for Ignition:** **[ ]**  5s **[ ]**  10s **[ ]**  Other:

**Main Flame Trial for Ignition:** **[ ]**  5s **[ ]**  10s **[ ]**  Other:

**Flame Failure Response Time: [ ]**  <4s **[ ]**  >4s

**Flame Safeguard System (Controller):** [ ]  Certified Package [ ]  Un-certified package [ ]  PLC Based

**Documentation Required for Evaluation** (as applicable): P&ID(s) and Fuel Train Schematics; Electrical Wiring Diagram(s); Bill of Materials( BOM) or Component Data Sheets, Assembly drawings and/or photographs; Purge Time Calculation; BMS specification; Sequence of Operation Document & Instructions (Manuals); Commissioning/Combustion report; If PLC is used as a Primary Flame Safegaurd: Functional Logic Diagram, Cause and Effect matrix, Error Messages/Failure Modes and FAT documents.

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| --- | --- | --- |
| **Scheduled Start-Up Date:** | **Inspection requested date:**  | **Gas permit #:** |
| **List of PPE and Special Requirements for Site:** |

**Applicant’s Name:** **Date** (YY/MM/DD)**:**

**Applicant’s Signature:**