

Boiler Application Fact Sheet



Company/Contact Information

Utility/Station Name _____ Location _____

Contact Name/Title _____ E-mail _____ Telephone # _____

General Boiler Information

Type of Boiler Coal fired Wood burner Incinerator Heat Recovery

OEM _____ Type of Fuel _____ Size of the boiler? (Megawatts/hr.) _____

Planned Outage Date(s) _____

Please provide:

- Properties of the ash deposits (i.e. Sticky, dry, hardened, etc.) _____
- The location of build-up in the boiler? (be as specific as possible) _____
- Temperatures/ash characteristics in the areas of the boiler to be addressed _____
- Location and size of any soot blower ports, access doors or observation ports _____
- Type of soot blowers (Steam or Air) _____
- How often are soot blowers operated? _____
- How long does it take for the problem area to build up after the area has been cleaned?
- Does excessive buildup force an outage? _____ If so, how often? _____
- Do tube leaks sometimes force an outage? _____ If so, how often? _____
- If boiler is subject to forced outages, how many days or hours are required to remove the buildup or perform repairs? _____
- Are conditioning agents or fuel additives being utilized? _____ What Type? _____
- What specific problem or issue do you expect the IMPULSE cleaner help or eliminate?

(i.e. Poor or insufficient soot blowing results, reduce or eliminate the use of soot blowers, excessive build-up on, or in the depth, of the tube bundles, reduce unplanned outages caused by the abrasion the soot blowers impart on the tube surfaces, etc.)

Comments/Special Instructions

Note: Since each boiler application is a retrofit, and we prefer to install the cleaning system through existing boiler openings to save time and installation costs, boiler drawings that provide cross-sectional dimensional data (width and depth) and that illustrate the location and size of soot blower ports, access doors and observation ports are preferred to ensure the best, most accurate recommendation.

Boiler Dimensions/Specifications

Circle sections of the boiler with buildup issues/areas to be addressed by IMPULSE cleaning system

Please provide location and size of soot blower ports, access doors or observation ports

Do any of the sections have a staggered tube arrangement? Y ___ N ___

Do any of the sections have finned tubes? Y ___ N ___

Does the boiler have a split back pass? Y ___ N ___

