



Low sample flow ~
10-50 mils

Higher flow rate
as needed

The sample line for most boilers will be throttled to provide manual control of the boiler solids and for sampling.

With this design you can reduce that continuous flow to just sufficient enough flow required by the SiO2 and pH real time measurement tools.

This will in turn allow the BD controller to read in real time the conductivity and provide more stable and consistent level of boiler water solids. This prevents solids swings when loads swings while in manual mode.

BD Controller
Webmaster

Control device / alarm

Data Collection Panel

	Boiler Automation
	Draft presentation
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