

BLOWDOWN SYSTEM SUGGESTED SPECIFICATION

Specifier Note: to use as a project specification;

- A. Insert, in the blank spaces provided, the applicable model number, capacity, fuel and electrical data.
- B. Delete the items in parentheses or marked "*" which are not applicable to the project requirements.
- C. Insert, where applicable, optional non-standard features desired.

BOTTOM BLOWDOWN SPECIFICATION

Furnish one (1) Burnham Bottom Blowdown System Model _____ with plate thickness of _____ with (* threaded / weld beveled / flanged *) vent and drain connections sized to blowdown _____ (* quantity and size *) boilers operating at _____ psig. The unit shall consist of an ASME constructed vessel with stainless steel striking plate at the point of tangential inlet and internal stainless steel flow restricting plates. Also provided shall be (* support legs or wall bracket *) a Model _____ aftercooler, discharge temperature regulating valve sized for _____ F cooling water, thermometer, strainer and bronze cone check valve.

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SURFACE BLOWOFF HEAT RECOVERY SYSTEM

Furnish one (1) Model _____ Surface Blowoff Heat Recovery System sized for _____ GPM surface blowoff and _____ GPM makeup capacity matched to control dissolved solids and provide heat recovery for _____ (* quantity and size *) boilers operating at _____ psig.

The unit shall consist of a flash tank flanged to drop out of the lower spiral coil section permitting the coils to be cleaned without having to shut down the boiler operation. The flash tank shall be furnished with a stainless steel wear plate, steam outlet, ball type float valve with all working parts constructed of stainless steel, tank stand, gauge glass and pressure relief valve. A vertical coil type heat exchanger constructed of stainless steel shall also be provided with _____ " (size) threaded connections for makeup water inlet and outlet. A gauge panel shall be furnished and shall include dial type thermometers for makeup temperature indication, makeup outlet temperature and blowdown outlet temperature. The gauge panel shall be prepiped and furnished mounted on the unit. The recovery unit shall be an ASME constructed pressure vessel with stainless steel striking plate at point of tangential inlet and stainless steel flow restricting plates.