Continuous Blowdown Heat Recovery System

The following information is required.

Provide one (1) Wilson Engineering 183NB/77um blowdown separator. Unit shall be sized to flash bottom blowdown down to 212F and cool the resulting drained condensate to 140F. Blowdown shall enter through a _____inch with the maximum pressure of _____psi @_____F.

Unit shall be capable of cooling _____gpm of hot condensate from 212F to 140F. Flash steam is released to atmosphere through an _____inch vent line. Blowdown separator shall be fabricated of carbon steel, ASME rated for 50 psi and National Board stamped.

Manufacturer shall provide:

- Stamped 16" diameter carbon steel vessel. ASME rated for 50 psig*
- _____inch 150# flanged inlet connection
- _____inch 150# flanged vent and _____inch 150# flanged drain
- _____inch 150# flanged aftercooler
- Automatic Temperature regulating cooling water control package.
- Floor mounting brackets.

Acceptable manufacturer must have built this type of unit for at least 5 years. Manufacturers not able to provide detailed drawings and flow requirements will not be accepted. No outside controls shall be necessary for the proper operation of this unit.

*Higher pressure ratings are available upon request.

WILSON ENGINEERING

1403 SW 7th Street, Atlantic, Iowa 50022 | TEL: 712-243-5300 | FAX: 712-243-3440 | wilsonblowdown.com