



Sample Cooler Operational Instructions

WARNING: Ensure that all clamps and gaskets are in place and tightened accordingly.

Operational Sequence for (2) types, fixed to a stand, or mobile on a cart.

1. Steam and cooling water or cooling solution must be shut off at Sample Cooler inlet.
2. Open cooling water or cooling solution inlet side at Sample Cooler. Cooling water or cooling solution should drain to atmosphere on loop with pressure relief.
3. Shell of Sample Cooler should be completely full and free flowing.
4. Open steam inlet slowly and take sample.
5. Close steam inlet.
6. Close cooling water inlet
7. Drain cooling water.
8. Close steam outlet and flush with clean water (WFI).

Do **NOT** open steam without cooling water or cooling solution flowing.

Do **NOT** run unit without cooling water or solution water flowing.

Do **NOT** allow water to "boil off" on shell side of sample cooler.

Do **NOT** allow steam to "build up" in the Sample Cooler without circulating water or cooling solution.

Recommended maintenance:

A regular inspection, cleaning and passivation schedule must be established to achieve maximum service life.

A recommended passivation procedure can be supplied on request.

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