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Document Name:	Small Autoclave Operating Instructions				
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1. SCOPE:

Describe the Standard Operating Procedures (SOP) for operation of the small autoclave on the second floor of PFBH.

2. EQUIPMENT:

2.1. Market Forge autoclave

3. OPERATING PROCEDURE:

- 3.1. Sign in before using the autoclave.
- 3.2. Make sure the drain valve is set to “closed”. Do not turn valve handle past 90° or the water will leak and the cycle will not run correctly.
- 3.3. Bring approximately 5 L of DI water (DI only, not RO nor regular tap) for filling the autoclave.
- 3.4. Pour the water into the bottom of the autoclave chamber until the level is just below the lip at the front.
- 3.5. Load your supplies/labware to be sterilized.
- 3.6. Close the autoclave door.
- 3.7. Set the exhaust speed dial on “fast” for dry goods and “slow” for liquids.
- 3.8. Set the temperature to 250°F/121°C.
- 3.9. Set the time to 59 minutes.
- 3.10. When the run has completed, set the drain to “open”.
- 3.11. **Carefully** open the door, very hot steam will come out, and remove your items.