Biological Safety Cabinet Operating Sequence

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Sequence Overview

- 1. Start Up
- 2. Wipedown
- 3. Materials and Equipment
- 4. Air Purge
- 5. Perform Work
- 6. Terminal Purging and Wipedown
- 7. Shutdown



1) Start Up

- If present, turn off ultraviolet light (UV).
- Turn on cabinet blower and lights, check air intake and exhaust portals of the cabinet to make sure they are unobstructed.
- Allow blower to operate at least 15 minutes before aseptic manipulations are begun in the cabinet.





 Disinfect all interior work surfaces with 70% alcohol, 2% alkaline glutaraldehyde or similar non-corrosive antimicrobial agents.



3) Materials and Equipment

- Place apparatus and materials onto work surface.
- Do not place any items over front or rear intake grills.
- Separate contaminated materials on cabinet work surface to minimize movement.
- Do not use constant flame Bunsen burners.
- Do not use with any flammable substances whose flash point is below 25°F.



• Allow 2-3 minutes after apparatus and materials are placed into the cabinet.

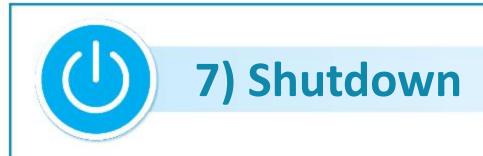




- Use proper attire, long sleeve gown, knit cuffs and rubber gloves.
- Minimize movement and use proper aseptic technique.

6) Terminal Purging & Wipedown

- Allow 2-3 minutes before removal of apparatus and materials from cabinet.
- Wipedown as stated previously.



- Turn off blowers and lights.
- If antineoplastic agents are used in cabinet, 24 hour cabinet operation is recommended.

Maintain Factory Standards – Certify Cabinet Annually.





- NuAire is a manufacturer of Biological Safety Cabinets and Laboratory Equipment
- For questions or additional information please visit <u>www.nuaire.com</u> or contact us via email <u>nuaire@nuaire.com</u>

