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Fluid Flushing or Projectile Cleaning? *The Pros and Cons*

Fluid Flushing:

Pros:

- Capable of achieving ISO 4406 & 4405 Cleanliness levels if procedures are followed and the system is properly maintained.

Cons:

- Initial investment is costly
- Time consuming to hook up and unhook assemblies from the flush tank
- Cycle time of solvent flush has to be so many seconds or minutes depending on hose size and length.
- The hose has to have the solvent removed after the flushing operation which takes time and energy.
- Cost to purchase the solvent and dispose of used solvent can be costly.
- Maintenance on flushing system and changing of filters.
- Health hazards to employees who do the flushing job.
- Space for the equipment.
- Can only be used in a cleaning cell.

Projectile Cleaning:

Pros:

- Inexpensive initial investment.
- 10 to 15 seconds total cleaning time per assembly.
- Capable of achieving ISO-4406 & 4405 cleanliness levels.
- Can be used in a cleaning cell or at the job site.
- No chemicals or hazardous waste to dispose of.
- No employee health issues.

Cons:

- A projectile can be left inside of a hose or tube if a UC-PVS is not incorporated into the launching system.