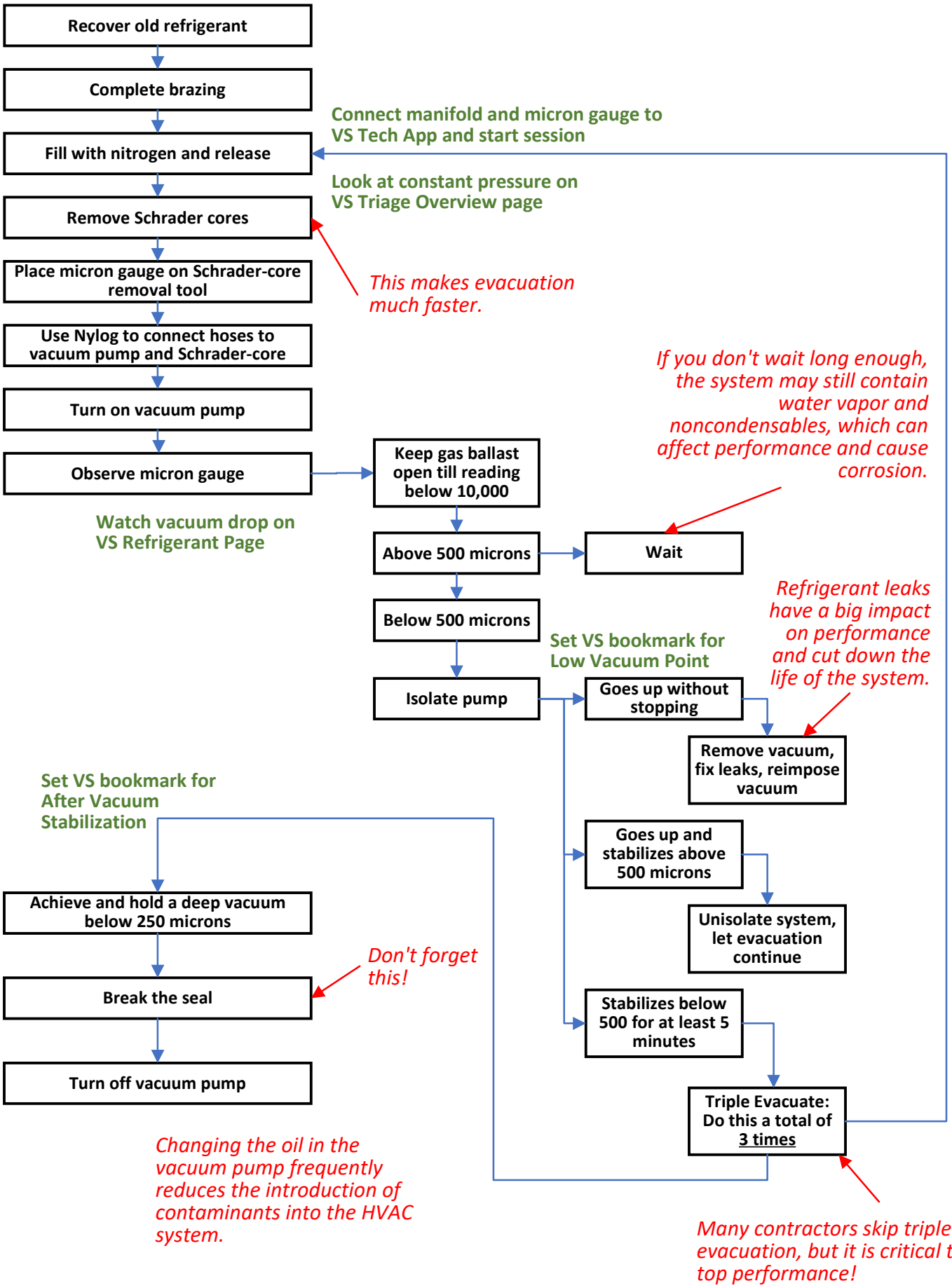
Recover old refrigerant
Complete brazing
Connect manifold and micron gauge to VS Tech App and start session
Fill with nitrogen and release
Look at constant pressure on VS Triage Overview page
Remove Schrader cores
This makes evacuation much faster.
Place micron gauge on Schrader-core removal tool
Use Nylog to connect hoses to vacuum pump and Schrader-core
Turn on vacuum pump
If you don't wait long enough, the system may still contain water vapor and noncondensables, which can affect performance and cause corrosion.
Observe micron gauge
Keep gas ballast open till reading below 10,000
Watch vacuum drop on VS Refrigerant Page
Above 500 microns
Wait
Below 500 microns
Refrigerant leaks have a big impact on performance and cut down the life of the system.
Set VS bookmark for Low Vacuum Point
Isolate pump
Goes up without stopping
Remove vacuum, fix leaks, reimpose vacuum
Set VS bookmark for After Vacuum Stabilization
Goes up and stabilizes above 500 microns
Unisolate system, let evacuation continue
Achieve and hold a deep vacuum below 250 microns
Don't forget this!
Break the seal
Stabilizes below 500 for at least 5 minutes
Turn off vacuum pump
Triple Evacuate: Do this a total of 3 times
Changing the oil in the vacuum pump frequently reduces the introduction of contaminants into the HVAC system.
Many contractors skip triple evacuation, but it is critical to top performance!