



## Computer Service Equipment

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### DRAFT

#### Required Test Equipment – Computer Techs

1. Anti static wristbands with cords and clips/plugs.
2. Anti-static bags (for storage of components)
3. Anti-Static Mat &/or Bench Floor Pad - W/Wrist or leg strap
4. Boot CD's/DVD's of various operating systems
5. CD Rom Test Disk and Lens Cleaning Kit
6. Cleaning Solvents - glass cleaner, alcohol, plastic cleaner, canned air
7. Conventional hand tools
8. Digital Volt/Ohm/mA Meter w/Diode and Cap Checker – 1 V DC to 1000 V DC range; sensitivity: 1 mV to .5V
9. DVD Test Disk
10. Hex Nut Drivers and wrenches – std. and metric assortment, common hand tools
11. Crimper
12. Network cables tester
13. IDE/SATA ribbon cables.
14. IC Extraction tool - For extracting ICs from sockets
15. Laser Power Meter - 0-3 milliwatts,  $\pm 5\%$  full scale
16. Thermal interface (compound or pad) for transferring heat from the processor to its heat sink. (Use thermal interface designated for the specific processor).
17. Needle nose pliers
18. Substitute Parts to be used when troubleshooting
19. Operating system reference manuals
20. PC Computer - Pentium or better w/SVGA Monitor/SCSI adapter
21. Pin Extraction tool - For removing and inserting pins into wire connectors
22. Surge Protector – (such as Panamax IEFI)
23. Screwdrivers appropriate for equipment serviced
24. Test Discs and Windows based test programs
25. Antivirus/Spyware software.
26. 3 ½ to 2 ½ Drive adapter.
27. PCS phone w/Internet to download drivers as needed.
28. Imaging software.
29. Wide Band Connectors.
30. Power Supply Checker
31. Class C Fire Extinguisher.