



Installer Level II Classification System

Domain 1 - Documentation – 10%

- Compile needed reference documents, including engineering documents, repair requests, measurement standards, and TIA Communication Standards, to complete installation.
- Record the compliance issues of the installation contract using punch lists, time cards, work requests, etc. to ensure adherence to compliance issues.
- Provide installation documents, including owner's manuals, warranty information, channel line-up chart, and user instructions, to assist the client in maintaining the system.
- Record, through written documents, all relevant trade correspondence, including sub-contractor contact information to maintain accurate and complete client records.

Domain 2 - Supervision – 13%

- Provide novice installers with training and learning reinforcements by reviewing activities, providing regular feedback, and indoctrinating them to company policies and procedures to assist in their professional development.
- Comply with the Fair Labor Standards Act in order to meet or exceed minimum levels of performance and to assure public confidence.
- Maintain proper safety practices by understanding the OSHA Standards, communicating the OSHA Standards to installers, and adhering to OSHA Standards on the job site.
- Maintain complete human resources documents to ensure fair practices by including time cards, attendance records, tardiness reports, and an employee handbook (detailing sexual harassment policies, gender/ethnic policies, and labor law requirements).
- Comply with the Americans with Disabilities Act by providing reasonable accommodations for installers and clients.
- Comply with EEOC Standards to ensure fair practices. 020600 1
- Manage employee resources to ensure adequate workflow and manpower by tracking the installer resource allocation per scheduled job.
- Communicate, verbally and through written documents, company policies and procedures to all employees to enhance employees' understanding and compliance.

Domain 3 - Job and Job Site Management – 13%

- Maintain job cost control by managing change orders; maintaining parts and tools; regularly inspecting the site; ensuring an efficient work schedule; and following a recycling program.
- Manage project resources through efficient use of personnel (full-time, part-time, and temporary) and equipment (owned and rented).
- Maintain job site etiquette, including inspecting the job site and directing personnel and equipment for job site clean up.
- Communicate directly with other trades (contractors, subcontractors, etc.) to verify completion of requested work, to facilitate cooperation, and to identify the next step in the installation process.

Domain 4 - Codes – 8%

- Comply with FCC Standards in order to meet or exceed minimum levels of performance and to assure public confidence.
- Comply with building code standards in order to meet or exceed minimum levels of performance and to assure public confidence.
- Comply with NEC Standards in order to meet or exceed minimum levels of performance and to assure public confidence.
- Comply with OSHA Standards in order to meet or exceed minimum levels of performance and to assure public confidence.

Domain 5 - Installation and Set-Up – 33%

- Install and mount devices following recommended practices (SMPTE, EIA, IEEE).
- Install advanced components.
- Install advanced wiring components.

Domain 6 - Calibration and Verification – 13%

- Test instrument applications using appropriate measuring devices, including multi-meter, RTA, spot-brightness meter, oscilloscope, power quality monitor, AC circuit tester, wire ringer, telephone test set, continuity tester, impedance meter, vector scope, waveform monitor, and SPL meter, to determine performance quality of installed devices.
- Collect performance data, including RF input levels, sound absorption, and sound propagation, to determine performance quality of installed devices.
- Perform adjustments to installed devices for optimal performance quality.
- Verify project design compliance by comparing installed devices to original installation plan(s).

Domain 7 – Troubleshooting – 10%

- Test hardware and software components of installed devices to ensure proper installation and performance in order to limit future service and repairs.
- Test power sources of installed devices to ensure proper installation and performance in order to identify any leakage, surge, lighting, and/or static problems and to limit future service and repairs.

- Test wiring components of installed devices to ensure proper installation and performance in order to limit future service and repairs.
- Observe environment surrounding installed devices to identify any potential problem areas, including noise sources and temperature changes, that could hinder optimal performance.
- Identify and repair performance problems with the installed devices.
- Communicate, verbally and through written documents, any performance problems and their subsequent solutions to the client.