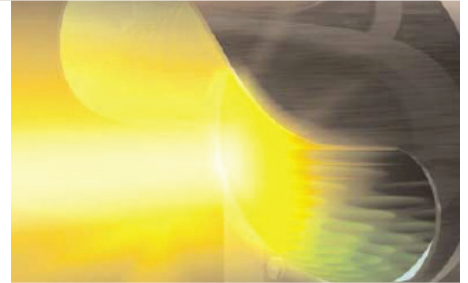


SIGNAL MONITOR RECERTIFICATION

**Recertification Reduces Your Liability Risk
And Maintenance Costs By Thorough Testing
Of Your Signal Monitors and Provides A
New 2-Year Warranty**



Recertification Process:

- Installation of applicable software and/or hardware updates
- Complete technical bench test
- Repairing any hidden issues or components that might have been damaged in the field
- High temperature burn-in, plus a functional test at maximum rated temperature
- Final test with an industry-standard, automatic signal monitor tester that includes a printed report
- Resetting the monitor to factory default settings and clearing internal memory logs
- 2-year warranty from the date of recertification

Please contact us today to see how we can tailor a Recertification Program for your agency!

EBERLE DESIGN, INC.



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Fax: +1-602-437-1996

Why Signal Monitor Recertification?

Traffic signal cabinets have to continuously operate in harsh environments that subject electronics to a constant onslaught of heat, cold moisture, insects, power surges, and other unforgiving conditions. The Signal Monitors manufactured by EDI are designed to withstand the operational environment within intersections. To make certain the proper operation of these passive devices when conditions demand it, they should be thoroughly tested periodically to ensure the safety of the motoring public. The recertification program helps establish effective and proactive maintenance

strategies in today's litigious world. This program has been developed to help agencies quickly, easily, and cost effectively perform this necessary testing task.

All signal monitors returned for recertification will be subjected to rigorous testing in accordance with our Quality Assurance & ISO 9001:2008 programs on a quick turnaround basis in order to get units back in service quickly.

Signal Monitor Recertification Process

- ☑ Installation of applicable software and/or hardware updates
- ☑ Complete technical bench test
- ☑ Repairing any hidden issues or components that might have been damaged in the field
- ☑ High temperature burn-in, plus a functional test at maximum rated temperature
- ☑ Final test with an industry-standard, automatic signal monitor tester that includes a printed report
- ☑ Resetting the monitor to factory default settings and clearing internal memory logs
- ☑ 2-year warranty from the date of recertification

Signal Monitor Recertification Overview & Warranty

General

The intent of this program is to describe the requirements for testing and certifying the proper operation of signal monitors that have been in use in traffic control cabinets, to ensure that they are functioning properly. Signal monitor units that are less than 12 years of age qualify for this certification process and shall be sent to Eberle Design Inc., 3510 E. Atlanta Ave., Phoenix AZ 85040, freight prepaid. Returned units shall be subjected to a process that includes hardware and firmware updates, multiple functional tests, and a unit burn-in at 165 degrees Fahrenheit (with non-catastrophic repairs completed, should they be necessary). Once the test process is completed, units will be returned, freight prepaid, with a comprehensive test report and new two-year warranty statement, on a quick turnaround basis.

Firmware Version Level and Hardware Upgrades

As appropriate, the recertification process will upgrade the operating software to the most current version, and will make any necessary hardware updates.

First Test

Full Functional Bench Test (with ECom) in accordance with EDI ISO9001:2008 Quality Management System Work Instructions.

Field Damage Repairs

If any devices are found to have non-catastrophic faults, the units shall be repaired, incidental to the unit cost, and the test cycle shall be restarted. However, if units are found to have catastrophic faults and are deemed non-repairable, the units will be returned.

Second Test

Environmental Chamber Test in accordance with EDI ISO9001:2008 Quality Management System Work Instructions.

Final Test:

Automated Test using an industry accepted independent test system (ATSI 2600) in accordance with EDI ISO9001:2008 Quality Management System Work Instructions.

Reset to Factory-Default Settings & Clear Internal Memory Logs

New 2-Year Warranty

EDI shall, upon return of units, guarantee the operation of the units for a period of two (2) years from date of recertification. This warranty only applies to the units originally manufactured by EDI. A warranty statement shall accompany the test certificate that is returned with each unit.

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