



Customer Notification
Regarding testing of the Canadian Fast Flash feature of NEMA TS1 and TS2 monitors

March 26, 2008

ATSI has released new firmware and software for the PCMT-2600 Conflict Monitor Tester. All tests relating to the Canadian Fast Flash conflict timing have been removed and replaced with a new series of optional tests.

The new tests will present the monitor with a flashing green conflict at a user selectable rate and phase. The available choices are :

- 120 flashes per minute, flashing in phase
- 120 flashes per minute, flashing out of phase
- 180 flashes per minute, flashing in phase
- 180 flashes per minute, flashing out of phase

The PCMT-2600 will then report the number flashes it took for the output relay to transfer to the fault condition and the user will be prompted to select pass or fail.

An additional test will measure the conflict recognition time of a continuously active conflict (not flashing). Successively longer conflicts will be applied to the monitor, with a one second delay between each one, until the output relay contacts are found in the fault condition. The time, in milliseconds, of the conflict that caused the fault will be reported, and the user will be prompted to select pass or fail.

There is currently no available published standard which specifies how conflict monitors should respond to a flashing green conflict, and each monitor manufacturer has adjusted their timing parameters in a different way to accommodate this scenario. Therefore, we have no other choice but to report the results and let the user make the pass or fail decision. If you are unsure about the expected behavior of your particular monitor in response to a flashing green conflict, please consult your applicable local codes or the monitor manufacturer.

The new software (4.7 or greater) and firmware (5.9 or greater) versions are available for downloading on our Web site (www.atsi-tester.com). ATSI recommends that all users who test Fast Flash enabled monitors upgrade to the new versions as soon as possible and use either Canadian TS1 Fast Flash, Canadian TS2 Fast Flash, or Canadian TS2 MMU8 as the Monitor Standard when testing. When setting up the test, go to the Optional Tests window to select the appropriate Fast Flash tests. (Note: All other tests remain unchanged.)

Please contact our service department at, 740-592-2874 or service@atsi-tester.com, if you have further questions.