



IDAHO STATE POLICE

MEMORANDUM

DATE: June 1st, 2015

TO: Cyndi Hall

FROM: Jeremy Johnston

SUBJECT: FC20BT rev 7 approval

The new Rev 7 board for the Lifeloc FC 20 breath alcohol testing instruments has been validated for use in evidential breath testing and is recommended that it be approved for use in evidential testing. The new FC20 units, designated FC20BT, will be shipped and available for purchase for law enforcement use in Idaho. The Rev 7 Board has been in use by Lifeloc for several years and it has been approved by the USDOT. It appears on the conforming products list for evidential breath testing instruments.

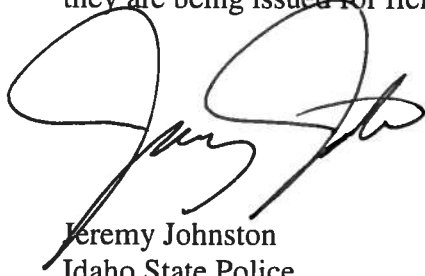
The instrument's quantitative algorithm remains the same, and the performance is within specifications for evidential testing and laboratory calibrations. The instruments have been evaluated by ISPFs and have been found to comply with the certification program in place for portable breath testing instruments. The updated versions have been evaluated with both wet and dry gas standards. Each unit is certified in the laboratory prior to its release as a field instrument. The software version for FC20BT is v. 8.7.21.

The key features of the update are as follows:

- Encrypted Bluetooth Connectivity
- Compatibility with EASYCAL Performance Verification Station
- Enhanced Printer Capability
- Hydration Routine
- Wireless Keyboard Option
- 6 User Selectable Data Fields
- Performance Verification Sequence

- Rolling Memory Functionality
- Performance Verification Temperature: 20°C- 30°C
- Flow Volume data output on Insufficient Breath samples

Although the instruments have been evaluated with both wet and dry alcohol standards, they are being issued for field use with the wet bath simulator solutions only, at this time.

A handwritten signature in black ink, appearing to read 'Jeremy Johnston', written in a cursive style.

Jeremy Johnston
Idaho State Police
Alcohol Discipline Leader