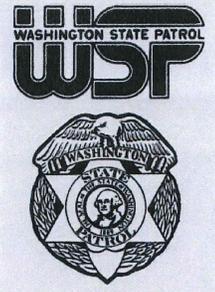


INTEROFFICE COMMUNICATION
WASHINGTON STATE PATROL



TO: Lieutenant Robert W. Sharpe, Impaired Driving Section
FROM: Sergeant Brandon A. Villanti, Impaired Driving Section
SUBJECT: Bootloader Software for the Draeger Alcotest 9510 Instrument
DATE: May 11, 2015 **FILE:**

On April 3, 2015 I was provided a letter from Mr. Brian Shaffer, Bid and Tender Manager of Draeger Safety Diagnostics, Inc. that detailed two different versions of bootloader software which are installed on the Draeger Alcotest 9510 instruments currently deployed in Washington State for evidentiary testing. Only one of these software versions was approved for use by Dr. Fiona Couper, the Washington State Toxicologist in an Interoffice Communication (IOC) that was authored by Sergeant Ken Denton on September 30, 2014. However, in the letter Mr. Shaffer indicates that both versions of this software are identical with the only difference being the name.

It is my belief, based on the attached letter, my understanding of this software, and the previously mentioned IOC by Sergeant Denton that any change to the bootloader software would have no impact on the analytical or evidential aspects of the Draeger Alcotest 9510 and therefore this additional bootloader software version should be approved for use in Washington State while still allowing the previously approved version.

[Signature]
BAV:bav

Attachment

cc: Sergeant Ken Denton, Impaired Driving Section
Sergeant Lisa Mosley, Impaired Driving Section
Mr. Erik R. Neilson, Standards and Accountability Section

FORWARDED TO DR. COUPER [Signature] 5-14-15

Since Bootloader versions (part number) 8322234 v 1.5 & 8323536 v 1.5 are functionally and content identical, both versions are approved for use in Washington state.

[Signature] 5-20-15





April 3, 2015

Sgt. Brandon Villanti
Washington State Patrol
Impaired Driving Section
Breath Test Program Manager
811 E. Roanoke St.
Seattle, WA 98102
brandon.villanti@wsp.wa.gov

Dear Sgt. Villanti,

This letter documents the differences between Washington's Dräger Alcotest® 9510 bootloader part number 8322234 version 1.5 and bootloader part number 8323536 version 1.5.

Bootloader part number 8322234 version 1.5 is identical to bootloader part number 8323536 version 1.5. Not only are these versions functionally identical, they are content (bit-by-bit) identical with the only difference being the name. After the first delivery of Washington's Dräger Alcotest® 9510, Dräger changed from utilizing a single bootloader part number and version to be used for all Alcotest 9510 customers to utilizing a unique bootloader part number for each customer. There was no specific situation or customer demand that initiated this internal decision.

The Washington State Patrol-specific part number is 8323536. Dräger did not update all of your instruments to this newer part number when we had the instruments in our service department. However, Dräger's position is that either part number is appropriate for field use. Any approval of bootloader part number 8323536 version 1.5 is an approval of bootloader part number 8322234 version 1.5 and vice-versa.

Sincerely,

A handwritten signature in black ink that reads "Brian Shaffer". The signature is written in a cursive, flowing style.

Brian Shaffer
Bid & Tender Manager

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