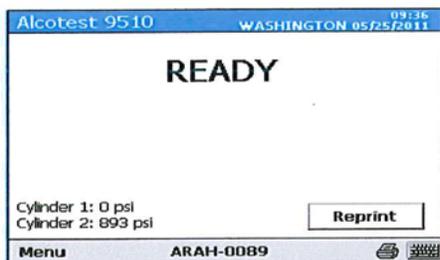


****DO NOT USE DRAEGER INSTRUMENT UNLESS CERTIFIED TO OPERATE****

EVIDENTIAL BREATH TEST SEQUENCE

STARTING A BREATH TEST

Depending on the length of time between breath tests the instrument may have to go through the WARM UP phase before performing a breath test. If the screen is blank or the screen displays “STANDBY”, tap on the display to light up the screen, and press the green <START> button to begin the instrument’s “WARM UP” phase.



Once the display shows “READY”, press the green <START> button to begin the test.



The instrument then proceeds to the data entry sequence. Follow the instructions on the display and enter the appropriate data into each field following the prompts.

- ✓ Use the <Next> and <Prev.> buttons to scroll between the entries.
- ✓ Press the <Stop> button at any time to abort the test.
- ✓ You will then be prompted to either <Cancel Test> or <Continue> which will return to the data entry sequence.
- ✓ Press <Summary> to review all entered data on the display, scroll down and then <Save> to save all entered data to proceed to the next series of data entry or the breath test.

NOTE: The virtual keyboard will only be displayed if the USB keyboard is not plugged into the instrument.

DATA ENTRY SEQUENCE

Press the green <START> button from the “READY” screen to begin a test. Before you begin the instrument will request information about the test.

✓ Observation Start Time

Enter the time that you began observation of the subject in military time and then press <Summary>.

✓ Summary Screen

Review the time. If it is correct press <Save>.

✓ Operator Observed Subject Entire Time

Enter <Yes> or <No> and press <Next>. If you enter no the test is cancelled; complete the observation period correctly and begin again.

✓ Subject Smoke, Vomit, Put Anything in Mouth

Enter <Yes> or <No> and press <Next>. If you enter yes the test is cancelled; complete the observation period correctly and begin again.

✓ Citation/Case Number

Enter the number and press <Next>.

✓ County of Arrest

Select the county by pressing the selection box and choosing the correct county and then press <Next>.

✓ Crime Arrested For

Select the offense from the drop-down menu and then press <Next>.

✓ Collision Involved

Select <Yes> or <No> and then press <Next>.

DATA ENTRY SEQUENCE (Cont.)

✓ Subject drinking at specific drinking establishment

Enter **<Yes>** if they were drinking at a specific business location or **<No>** if they were not and then press **<Next>**. If you selected yes then enter the name and location of the establishment in the fields to run a search, select the correct location and press **<OK>**. If you selected no then the drop down menu of other options will appear. Select the appropriate option as to where they were drinking and then press **<Next>**.

✓ PBT Given

Enter **<Yes>** or **<No>** depending on whether a PBT test was administered and press **<Next>**. If you selected yes then you will need to enter the time the PBT test was administered in military time and then press **<Next>**. Then it will ask for the result of the PBT test. Enter the BAC recorded from the PBT and press **<Summary>**.

✓ Summary

Review the information entered and press **<Save>** if it is correct. Note: you must scroll through all the information before pressing Save.

✓ Scan Operator Card

Enter **<Yes>** or **<No>** depending on whether you have a card reader and an operator card. If you select yes, then scan the card when prompted by the instrument. If you selected no then you must enter the following information. Enter each entry and then press **<Next>**.

- Operator Last Name
- Operator First Name
- Operator Middle Initial
- Operator Agency Code

✓ Summary

Review the information entered and press **<Save>** if it is correct. Note: you must scroll through all the information before pressing save.

✓ Subject Ethnic Group

Select the subject’s ethnicity from the drop-down menu and press **<Next>**.

✓ Subject Driver’s License State

Select the state from the drop-down menu and then press **<Next>**. If you select Washington then you will get the option to scan the license. Select **<Yes>** if you have the license. Scan the license card when prompted by the instrument. If you select another state or do not wish to or are unable to scan the driver’s license then the following fields will come up. Enter the date in each field and then press **<Next>**.

- Subject Last Name
- Subject First Name
- Subject Date of Birth (MM/DD/YYYY)
- Subject Gender
- Subject Driver License Number

✓ Summary

Review the information entered and press **<Save>** if it is correct. Note: you must scroll through all the information before pressing save.

REFUSALS/INCOMPLETE TESTS

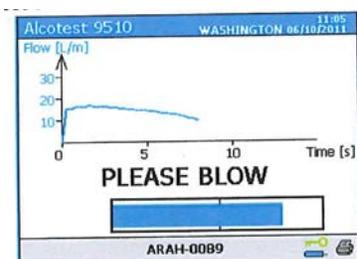
- ✓ To indicate a refusal or incomplete test, press **<Stop>** once all data entry sequences have been completed. Three separate buttons can be selected indicating **<Refusal>**, **<Incomplete>** or **<Continue>**.
- ✓ If refusal is selected, the test will be aborted and the printout will indicate **“Test Result: SUBJECT REFUSED”**.
- ✓ If incomplete is selected, a printout will be provided automatically.

DRAEGER ALCOTEST 9510 – OPERATOR’S MANUAL

BREATH TEST

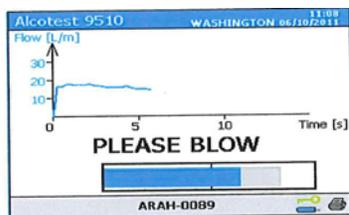
The instrument is ready for the subject breath test when **“PLEASE BLOW”** appears on the display. Fit a new mouthpiece onto the breath hose. Request the person being tested to inhale deeply and blow continuously and evenly into the mouthpiece. The bar at the bottom of the display represents the breath volume provided in the sample. The center of the progress bar represents the minimum required breath volume. The frame of the volume progress bar turns bold when all minimum breath criteria have been met.

Breath Test 1



Between the two subject samples the instrument will perform an accuracy check by taking a sample from an External Standard. If External Standard is not within the required range the instrument will place itself out of service.

Breath Test 2



If all of the sampling requirements are not met the instrument will display an error message, perform a purging cycle, and then return to the **“PLEASE BLOW”** screen. Some common errors include:

- ✓ Minimum volume not achieved
- ✓ Blowing time too short
- ✓ Blowing not allowed
- ✓ Plateau not achieved
- ✓ Inhalation detected

Try the following remedies:

- ✓ The subject needs to blow for a longer time.
- ✓ Have the subject take a deeper breath and blow for a longer time at a slower rate.
- ✓ Ensure that the subject waits for the **“PLEASE BLOW”** prompt to appear on the display before blowing into the instrument.

PRINTOUT

After the final result is displayed, a complete breath test document is printed by the external printer. After the printout has been completed the instrument is now ready to perform another breath test. Note: not all data entered is reproduced on the printout.

REPRINTING BREATH TEST DOCUMENTS

A printout can be printed manually by selecting **<Reprint>** from the **“READY”** screen. A menu will be displayed with several options listed. Operators will only be allowed to reprint **“EVIDENTIAL SUBJECT TEST”** and will be locked out of other selections. You can perform a search by putting in the subjects name or partial name in the **“SEARCH”** field. Keep in mind common names such as Jones or Smith will most likely generate several tests so you may want to enter your name to narrow the searches. This will only generate a list of tests performed on this instrument.

QUESTIONS/PROBLEMS

Contact a WSP Communications Center at the number below:

DRAEGER ALCOTEST 9510 – OPERATOR’S MANUAL

STATUS MESSAGES AND REMEDIES

Status Code	Description	Remedy
TEST ABORTED	TEST PROCEDURE WAS MANUALLY ABORTED.	NO REMEDY REQUIRED.
CAL GAS SUPPLY	DRY GAS EXTERNAL STANDARD ERROR.	CONTACT WSP- INSTRUMENT OUT OF SERVICE
BLANK ERROR	PRE- AND POST PURGE IR OUTPUT IS TOO HIGH.	ENSURE AMBIENT AIR IS FREE OF ALCOHOL VAPOR.
AMBIENT FAIL	AFTER PURGING, THE CALCULATED EC-READING IS TOO HIGH.	ENSURE AMBIENT AIR IS FREE OF ALCOHOL VAPOR.
INVALID SAMPLE – MUST COMPLETE NEW OBSERVATION PERIOD	MOUTH ALCOHOL IS DETECTED.	NO INSTRUMENT REMEDY REQUIRED. PERFORM A NEW OBSERVATION PERIOD AND REPEAT THE TEST.
INTERFERENT DETECTED	INTERFERING SUBSTANCES ARE DETECTED.	INSTRUMENT WILL OFFER OPPORTUNITY TO START NEW TEST SEQUENCE RETAINING PREVIOUSLY ENTERED DATA.
DETECTOR OVERFLOW	THE CALCULATED ALCOHOL CONCENTRATION EXCEEDED THE MAXIMUM RANGE OF THE INSTRUMENT.	NO REMEDY REQUIRED. FOLLOW WSP PROCEDURES REGARDING POSSIBLE DANGEROUSLY INTOXICATED SUBJECT.
SAMPLES OUTSIDE 10%	COMPARISON OF CALCULATED BREATH TEST RESULTS FAILED.	INSTRUMENT WILL OFFER OPPORTUNITY TO START NEW TEST SEQUENCE RETAINING PREVIOUSLY ENTERED DATA.
ALC. CONC. NOT STABLE	REQUIREMENTS FOR PLATEAU DETECTION OF THE IR PROFILE ARE NOT MET.	INSTRUCT SUBJECT TO PROVIDE MORE VOLUME IN NEXT SAMPLE ATTEMPT
BLOWING NOT ALLOWED	FLOW IS DETECTED WHEN THE INSTRUMENT IS NOT EXPECTING A FLOW.	ENSURE BLOWING DOES NOT OCCUR UNLESS “PLEASE BLOW” APPEARS ON THE DISPLAY.
TIMED OUT	MAXIMUM TIME FOR DELIVERING A BREATH SAMPLE IS EXPIRED. WILL BE FOLLOWED WITH THE OPTIONS “REFUSAL”, “INCOMPLETE”, “CONTINUE”.	PROVIDE BREATH SAMPLE SOON AFTER “PLEASE BLOW” IS DISPLAYED.
BLOWING TIME TOO SHORT	BLOWING TIME OF SUBJECT IS TOO LOW.	THE INSTRUMENT WILL INITIATE ANOTHER BREATH SAMPLE ATTEMPT.
MIN. VOL. NOT ACHIEVED	DELIVERED BLOWING VOLUME IS TOO LOW.	THE INSTRUMENT WILL INITIATE ANOTHER BREATH SAMPLE ATTEMPT.
EXT. STANDARD FAILED	GAS CONCENTRATION DID NOT MEET THE TOLERANCE LIMITS	CONTACT WSP- INSTRUMENT OUT OF SERVICE
REFUSAL	SUBJECT REFUSAL	NO INSTRUMENT REMEDY REQUIRED.
INCOMPLETE TEST	OPERATOR TERMINATED TEST SEQUENCE WITH INCOMPLETE TEST ASSESSMENT.	NO INSTRUMENT REMEDY REQUIRED.
EC_SENSOR_STRESSED	THE EC SENSOR’S ALCOHOL LOAD IS TOO HIGH DUE TO PREVIOUSLY PERFORMED TESTS.	WAIT THE TIME RECOMMENDED BY THE INSTRUMENT.

***ALL OTHER STATUS MESSAGES: CONTACT WSP-INSTRUMENT OUT OF SERVICE.**