



**STATE OF OKLAHOMA
BOARD OF TESTS FOR ALCOHOL AND DRUG INFLUENCE**

Dr. Kenneth E. Blick, Ph.D.
Chairman

Administrative Office at:
Board of Tests for Alcohol and Drug Influence
Post Office Box 36307
Oklahoma City, Oklahoma 73136-2307

J. Robert Blakeburn
State Director of Tests
for Alcohol and Drug Influence

April 7, 2008

ACTION NO. 08-01 BY THE STATE DIRECTOR OF TESTS FOR ALCOHOL AND DRUG INFLUENCE

Under authority of 47 O.S. Supp., 2000 Section 751-761 and OAC 40:30-1-3 and OAC 40:30-1-3 (e) (2). Breath-alcohol analysis maintenance with the Intoxilyzer Model 5000-D; promulgated by the Board of Tests for Alcohol and Drug Influence, the following official **ACTION** is hereby taken by the State Director of Tests for Alcohol and Drug Influence.

**OPERATING PROCEDURE FOR BREATH-ALCOHOL ANALYSIS MAINTENANCE
PERFORMED WITH THE MODEL 5000-D INTOXILYZER.**

- (1) The State Director of Tests for Alcohol and Drug Influence hereby prescribes and approves the attached "**OPERATING PROCEDURE FOR BREATH-ALCOHOL ANALYSIS MAINTENANCE PERFORMED WITH THE MODEL 5000-D INTOXILYZER AND AS REQUIRED IN OAC 40:30-1-3 (e) (2)**". The operating procedure is attached hereto and is hereby incorporated in this record of official **ACTION** and so marked for identification.
- (2) This **ACTION** by the State Director of Tests for Alcohol and Drug Influence shall take effect on and after April 8, 2008.

A handwritten signature in cursive script, reading "J. Robert Blakeburn".

J. Robert Blakeburn
State Director of Tests
for Alcohol and Drug Influence



State of Oklahoma
Board of Tests for Alcohol and Drug Influence
Office of the State Director of Tests
Post Office Box 36307
Oklahoma City, Oklahoma 73136-0415

**OPERATING PROCEDURE FOR BREATH-ALCOHOL ANALYSIS MAINTENANCE
PERFORMED WITH THE MODEL 5000-D INTOXILYZER.**

The State Director of Tests for Alcohol and Drug Influence approves the following procedure in accordance with OAC 40:30-1-3 (e) Maintenance for Breath-alcohol analysis with the Intoxilyzer 5000-D and identified as ACTION 01-08 , April 7, 2008.

Maintenance shall be performed as follows on the Intoxilyzer 5000-D Breath-Alcohol Analysis testing device at least once during each thirty (30) day period and not later than thirty (30) days since the last prior such maintenance, or after the testing of twenty-five (25) subjects, whichever occurs first, by a person possessing a valid Breath-Alcohol Analysis Specialist permit issued by this Board.

A thorough inspection of the equipment for cleanliness and determination that it is in proper operating condition shall be performed. Wipe as necessary to clean all devices. Do not use any solvents or volatile chemicals. Water or glass sprays may be used.

The reference ethyl alcohol solution in the alcoholic breath simulator device shall be replaced with new solution. Unscrew the top housing of the simulator and dispose of the old solution, then dry the excess solution of the alcoholic breath simulator's component parts and the jar. This process will include the paddle, heating element, baffles, the inside of the jar, and any other area which can be seen that contains moisture.

New reference ethyl alcohol solution is prepared by a Board approved laboratory, an ASCLD/LAB laboratory or will be a NIST traceable solution. The solution will be marked with a label showing a reference value, the date it was prepared, the individual responsible for for it's quality and a lot number.

This information is to be input into the instrument on the Log of Tests and Maintenance Record, as it is maintained as a digital record in the instrument.

After the solution is poured into the alcoholic-breath simulator, the simulator must be sealed

and heated to temperature ($34\text{ }^{\circ}\text{C} \pm .2\text{ C}$). Wait at least thirty (30) minutes after temperature has been achieved, then check the ethyl alcohol solution in the alcoholic-breath simulator by means of the Intoxilyzer 5000-D Breath-Alcohol Analysis Device.

Accomplish this by tapping the escape key twice, then enter the password, enter "L" for log. Enter or accept the information prompted, getting the lot number and control value from the label of the solution you just emptied into the jar.

The Intoxilyzer will now run a reference or control test. Print a copy of the log by tapping the escape key twice and entering "R" for report. Retain a copy for your records and, within ten days, send the report to:

Board of Tests
P.O. Box **36307**
Oklahoma City OK 73136

(Note, this is NOT the same as the address as the Department of Public Safety)

The result of the verification analysis must coincide with the corresponding vapor-alcohol concentration control value or target value within one-hundredths gram per two hundred and ten liters ($\pm 0.01\text{ g}/210\text{ L}$). This means your results must be equal to, or 0.01 gEthanol/210L greater or lessor than the control value indicated on the label of the bottle from the solution provider laboratory indicated on the bottle and entered into the data field of the Log of Tests. (Example: A Target Value of 0.10g/210L must result in 0.09g/210L, 0.10g/210L or 0.11g/210L to be within the plus or minus 0.01g/210L)