

# ETHANOL GAS CANISTER LOG

## FOR ALCOHOL SCREENING TEST DEVICES

**Purpose:** To maintain a record of all Ethanol Gas Canister tests utilizing Alcohol Screening Test Devices (ASTD).

**Preparation:** Any person verifying calibration on an alcohol screening test device shall complete all applicable blanks for each canister test conducted.

**Rules & Regulations:** 10A NCAC 41B .0503  
Ethanol gas canister used exclusively to verify instrument calibration of Alcohol Screening Test Devices shall not be utilized beyond the expiration date on the canister.

**Special Instructions:** The agency or operator shall verify instrument calibration of each alcohol screening test device at least once during each 30-day period of use. The verification shall be performed by employment of an Ethanol Gas Canister and obtaining the expected result of 0.08 or 0.07 alcohol concentration.

1. Ensure Ethanol Gas Canister displays approximately 50 PSI or more.
2. Follow proper calibration procedures for ASTD; ensure ASTD is zero set.
3. Connect ASTD mouthpiece to gas canister.
4. Attach ASTD to the Canister.
5. Depress regulator button for 4 seconds, while regulator button is depressed, collect sample, release regulator button.
6. If the expected result is not obtained, enter "CAL" in the result column, adjust the screening test device and repeat canister test. Continue this process until the expected result is obtained and recorded.

**NOTE:** Contact the **Forensic Tests for Alcohol Branch** at **1-800-846-2812** when the canister pressure gauge displays less than 100 PSI. This is to ensure the canister does not completely empty prior to being replaced.

### USE THE FOLLOWING CODES FOR "TYPE"

#### CODE

1. ALCO-SENSOR (two-digit display)
2. ALCO-SENSOR III (three-digit display)
3. ALCO-SENSOR IV
4. ALCO-SENSOR FST
5. S-D2
6. S-D5
7. ALCO-SENSOR III (Enhanced with Serial Numbers above 1,200,000)
8. ALCO-SENSOR FST (Enhanced with Serial Numbers 200,000 and higher)
9. LIFELOC FC10
10. INTOXILYZER 500
11. ALCOVISOR MERCURY

**Disposition:** One set of forms is to be used for each canister and shall be retained for three years from the date the canister was removed from use.

*Additional copies of this form may be printed by the user agency*







