



**ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT**

REPORT #7

Complete this report in duplicate at the time of the regular monthly preventative maintenance check, and whenever instrument is repaired. Send copy to Department of Health and Senior Services; retain original in department file.

ALCO SENSOR IV SN <b>102468</b>	NAME OF AGENCY <b>Missouri State Park Rangers</b>	DATE OF INSPECTION <b>09/02/2022</b>
LOCATION OF INSTRUMENT (STREET AND CITY) <b>5272 State Hwy 165 Branson MO 65616</b>		TIME OF INSPECTION <b>11:00</b>

**CHECKLIST:** Place a mark in the box by each item if found to be satisfactory or if operating within established limits. (Write in observed values where determined.) Unmarked items must be corrected before using instrument.

- DIGITAL READOUT (ALL ELEMENTS OPERATIONAL)
- TEMPERATURE OF ALCO SENSOR (10°C - 40°C)
- PRINTER WORKING PROPERLY
- TIME AND DATE DISPLAYING PROPERLY

**BREATH ALCOHOL ACCURACY STANDARDS**

SIMULATOR SOLUTION                       COMPRESSED ETHANOL-GAS MIXTURE

STANDARD SUPPLIER Guth Laboratories      LOT # 22080      EXP. DATE 03/07/2024

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34      SIM. SN MP 6020      SIM. NIST EXP DATE 09/03/2022

CALIBRATION CHECK – (ONLY ONE STANDARD IS TO BE USED PER MAINTENANCE REPORT)  
Run three tests using a standard solution. All three tests must be within ±5% of the standard value and must have a spread of .005 or less. Check the box corresponding to the standard solution being used. (PRINTOUT ATTACHED)

- 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE
- 0.080% STANDARD - MUST READ BETWEEN 0.076% and 0.084% INCLUSIVE
- 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE

TEST 1 → .105	TEST 2 → .102	TEST 3 → .101
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RFI DETECTOR OPERATING

INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT: (DO NOT INCLUDE SELF-ADMINISTERED TESTS)

REFUSALS	0	(0-.04)	1	(.05-.09)	(.10-.14)	(.15-.19)	(OVER .19)
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List any new parts and describe any alteration or modification that was made to restore the instrument to operate satisfactorily and within established limits (use other side if necessary).

**Instrument operates within guidelines.**

<b>SPECTING OFFICER</b>	
SIGNATURE <i>David Miller</i>	PRINT NAME <b>David Miller PR 50</b>
PE II PERMIT NUMBER/EXPIRATION DATE <b>210210-09/14/2023</b>	TELEPHONE NUMBER <b>(573 508-2295</b>

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office by mail, fax, or email.