



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

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 107984	PRINTER SN 099.3586.817	DATE OF INSPECTION 01/01/2020
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LOCATION OF INSTRUMENT (STREET AND CITY) 4725 Ready Mix Road, Hannibal	TIME OF INSPECTION 3:21 pm
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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 Repco Marketing Inc. LOT # 19001 EXP. DATE 03/12/2021

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 33.98 SIMULATOR SN MP2481 SIMULATOR EXP DATE 08/16/2020

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 ← .101

TEST 2 ← .100

TEST 3 ← .099

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-.04)	(.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).

Recalibrated

INSPECTING OFFICER

SIGNATURE

PRINT NAME
Trooper Jonathan Conrad

TYPE II PERMIT NUMBER/EXPIRATION DATE
290206/ Expires 09/17/2021

TELEPHONE NUMBER
(660) 385-2132

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office
2875 James Boulevard
Poplar Bluff, MO 63901

CERTIFICATE OF ANALYSIS**MANUFACTURER AND SUPPLIER: RepCo Marketing Co.****LOT NUMBER: 19001****EXPIRATION DATE: March 12, 2021 at 11:59 p.m.**

RepCo Marketing Co. certifies the following:

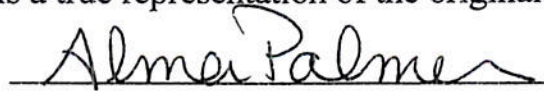
RepCo Marketing Co. prepared, tested and supplied Lot Number 19001 of Alcohol Certified Solution for simulators. This solution was manufactured and tested by RepCo Marketing Co., with confirmation by accredited institution, Data Resources Inc., using NIST standards. Random samples were analyzed by Data Resources Inc. utilizing a gas chromatograph and found to contain .1210 gms/dl +/- .003 gms/dl wt/vol ethanol (95% Confidence).

The alcohol and distilled water used in the solution were found to be free of any interfering substance.

This solution will produce a vapor alcohol value of .100 +/-3% gms/210L breath when heated to 34 Degrees Celsius +/-0.2 Degrees Celsius in a simulator (95% Confidence).

The date of manufacture for this lot number is March 13, 2019
The expiration date for this lot number is March 12, 2021 at 11:59 p.m.

This document is a true representation of the original Certificate of Analysis.



Alma Palmer, Operations Manager
RepCo Marketing Co.

AS IV Serial no: 107984
Version no: 532B

TEST RECORD 00481 ^{g/}
Temp Date Time 210L

Air Blank: 01/01/20 15:21 .000
Calibration Check: 25 01/01/20 15:21 .101

Subject Name
TEST 1
Subject I.D.

Operator Name, I.D.
J.M. CONRAD
Location

4725 READY MIX
HANNIBAL

AS IV Serial no: 107984
Version no: 532B

TEST RECORD 00482 ^{g/}
Temp Date Time 210L

Air Blank: 01/01/20 15:22 .000
Calibration Check: 25 01/01/20 15:22 .100

Subject Name
TEST #2
Subject I.D.

Operator Name, I.D.
J.M. CONRAD
Location

4725 READY MIX
HANNIBAL

AS IV Serial no: 107984
Version no: 532B

TEST RECORD 00483 ^{g/}
Temp Date Time 210L

Air Blank: 01/01/20 15:24 .000
Calibration Check: 26 01/01/20 15:24 .099

Subject Name
TEST #3
Subject I.D.

Operator Name, I.D.
J.M. CONRAD
Location

4725 READY MIX
HANNIBAL

AS IV Serial no: 107984
Version no: 532B

TEST RECORD 00484 ^{g/}
Temp Date Time 210L

VOID: RFI
12 01/01/20 15:25

Subject Name
RFI TEST
Subject I.D.

Operator Name, I.D.
J.M. CONRAD
Location

4725 READY MIX
HANNIBAL



STATE OF MISSOURI
 DEPARTMENT OF HEALTH AND SENIOR SERVICES
 BREATH ALCOHOL PROGRAM



**PERMIT
 TYPE II**

JONATHAN M CONRAD

is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field service and repairs, and operate the following breath analyzer(s):

ALCO-SENSOR IV WITH PRINTER

for the determination of the alcoholic content of blood from a sample of expired air. Permit issued under the provisions of sections 577.020 through 577.041, RSMo and 306.111 through 306.119 RSMo.

DATE 9/17/2019

NUMBER 290206

EXPIRES 9/17/2021

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

 STATE OF MISSOURI
 DEPARTMENT OF HEALTH AND SENIOR SERVICES
 BREATH ALCOHOL PROGRAM

INSTRUMENT OPERATOR CARD

The named cardholder is authorized to operate an evidential breath alcohol instrument for the determination of the alcoholic content in breath form of expired air in Missouri.

Operator CONRAD, JONATHAN
Permit No 290206
Date Issued 9/17/2019 **Date Expires** 9/17/2021

