



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
 STATE PUBLIC HEALTH LABORATORY
ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED
 BY: [unclear] DIVISION OF [unclear] APR 21, 2021

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 030794	NAME OF AGENCY St. Charles City PD	DATE OF INSPECTION 04/07/2021
LOCATION OF INSTRUMENT (STREET AND CITY) 1781 Zumbahl Rd. St. Charles		TIME OF INSPECTION 8:55 am

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

<input type="checkbox"/> SIMULATOR SOLUTION	<input checked="" type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
<input checked="" type="checkbox"/> STANDARD SUPPLIER <u>Intoximeters</u>	LOT # <u>AG028101</u> EXP. DATE <u>10/07/2022</u>
<input type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C)	SIM. SN _____ SIM. NIST EXP DATE _____

- 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 ← .098	TEST 3 ← .099
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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)	0	(.05-.09)	1	(.10-.14)	1	(.15-.19)	1	(OVER .19)	0
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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).
 Time change due to daylight savings time.

INSPECTING OFFICER

SIGNATURE 	PRINT NAME Kenneth Enz
TYPE II PERMIT NUMBER/EXPIRATION DATE 290116 5/29/2021	TELEPHONE NUMBER (636) 949-3300

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

AS IV Serial no: 030794
Version no: 532C

TEST RECORD 00034

Temp Date Time ^{s/} 210L

Air Blank:
04/07/21 08:55 .000
Calibration Check:
25 04/07/21 08:55 .101

Subject Name

Test 1

Subject I.D.

Operator Name, I.D.

Enz 290116

Location

1781 Zumbuhl

St. Charles

AS IV Serial no: 030794
Version no: 532C

TEST RECORD 00035

Temp Date Time ^{s/} 210L

Air Blank:
04/07/21 08:57 .000
Calibration Check:
26 04/07/21 08:57 .098

Subject Name

Test 2

Subject I.D.

Operator Name, I.D.

Enz 290116

Location

1781 Zumbuhl

St. Charles

AS IV Serial no: 030794
Version no: 532C

TEST RECORD 00036

Temp Date Time ^{s/} 210L

Air Blank:
04/07/21 08:59 .000
Calibration Check:
27 04/07/21 08:59 .099

Subject Name

Test 3

Subject I.D.

Operator Name, I.D.

Enz 290116

Location

1781 Zumbuhl

St. Charles

AS IV Serial no: 030794
Version no: 532C

TEST RECORD 00037

Temp Date Time ^{s/} 210L

VOID: RFI
12 04/07/21 09:01

Subject Name

RFI Check

Subject I.D.

Operator Name, I.D.

Enz 290116

Location

1781 Zumbuhl

St. Charles



Airgas USA LLC (LAB)

3500 Bernard Street

St. Louis, Mo. 63103

Ph: (314) 533-3100

Fax: (314) 533-7328

Certificate of Analysis

Customer Name

Exclusive Supplier

Intoximeters, Inc.
2081 Craig Road
St. Louis, Mo 63146

Test Date: 7-Oct-2020

Lot # AG028101 Model 108cadd

Exp. Date

7-Oct-2022

Cyl. Type

108

Component

Ethanol
Nitrogen

Certified Concentration

0.100 ± 2% BrAC (272 ppm)
Balance

Certification Traceable to N.I.S.T. RGM and to CRM Ethanol Standards:

RGM Serial No.

EB0010581

EB0010570

EB0010285

EB0010561

EB0010681

Concentration

392.1 ppm

259.8 ppm

208.0 ppm

103.6 ppm

52.12 ppm

RGM Serial No.

EB0010603

EB0010559

EB0010595

EB0010562

EB0010579

Concentration

393.0 ppm

258.2 ppm

208.3 ppm

104.2 ppm

52.81 ppm

CRM Serial No.

CC434668

CC234503

Concentration

800.0 ppm

253.0 ppm

CRM Serial No.

0056649

0056662

Concentration

390.1 ppm

150.2 ppm

Analytical Method:

NDIR

Digitally signed by Quality Control
Date: 2020.10.09 13:18:27 -05:00
Reason: Dry gas standard certification of analysis
Location: Airgas USA LLC (Lab)

Approved for Release:

Rod Marsala

ISO 17025:2005 A2LA accredited. Certificate Number 3082.06

ISO 17034:2016 A2LA accredited. Certificate Number 3082.07



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

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PERMIT
TYPE II
KENNETH ENZ

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, INTOX EC/IR II

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 5/29/2019

NUMBER 290116

EXPIRES 5/29/2021

MO 580-0771 (6-10)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (R6-10)

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 ENZ, KENNETH
 Permit No 290116
 Date Issued 5/29/2019 Date Expires 5/29/2021