



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

RECEIVED

By Carol Day at 3:03 pm, Apr 12, 2016

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 105447	PRINTER SN 099.3586.790	DATE OF INSPECTION 04/08/2016
LOCATION OF INSTRUMENT (STREET AND CITY) Jasper County Sheriff Office 231 S. Main Street Carthage, MO 64836		TIME OF INSPECTION 2:26 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

SIMULATOR SOLUTION

COMPRESSED ETHANOL-GAS MIXTURE

STANDARD SUPPLIER Intoximeters LOT # AG426004 EXP. DATE 09/17/2016

SIMULATOR TEMPERATURE (34°C ± 0.2°C) _____ SIMULATOR SN _____ SIMULATOR 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 ⚡ .080

TEST 2 ⚡ .080

TEST 3 ⚡ .080

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).

Is Operating Within MODHSS Standards

INSPECTING OFFICER

SIGNATURE

PRINT NAME
 Christopher Calvin #349

TYPE II PERMIT NUMBER/EXPIRATION DATE
 250286

TELEPHONE NUMBER
 (417) 358-8177

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



Airgas USA LLC (LAB)
 3500 Bernard Street
 St. Louis, Mo. 63103
 Ph: (314) 533-3100
 Fax: (314) 533-7328

Certificate of Analysis

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

Test Date: 18-Sep-2014

Lot # AG426004

Exp. Date 17-Sep-2016	Cyl. Type 108	Component Ethanol Nitrogen	Certified Concentration 0.082 ± 0.002 BrAC (223 ppm) Balance
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Certification Traceable to N.I.S.T. RGM Ethanol Standards:

<u>Serial No.</u>	<u>Concentration</u>	<u>Serial No.</u>	<u>Concentration</u>
EB0010581	391.8 ppm	EB0010603	392.5 ppm
EB0010570	259.8 ppm	EB0010559	258.9 ppm
EB0010285	209.0 ppm	EB0010595	208.9 ppm
EB0010561	103.7 ppm	EB0010562	104.9 ppm
EB0010681	52.22 ppm	EB0010579	52.94 ppm

Analytical Method: NDIR

Digitally signed by Quality Control
 Date: 2014.09.19 10:07:34 -05:00
 Reason: Dry gas standard certification of analysis
 Location: Airgas USA LLC (Lab)

Analyst: 
 Rod Marsala

ISO 17025:2005 A2LA accredited. Certificate Number 2989.01

AS IV Serial no: 105447
Version no: 532B

TEST RECORD 00546

Temp Date Time ^{9/} 210L

Air Blank:
04/08/16 02:26 .000
Calibration Check:
30 04/08/16 02:26 .000

Subject Name

Cal Check #1

Subject I.D.

Chris Calvin #349

Operator Name, I.D.

250286 / 02/25/18

Location

231 S. Main St

Carthage, MO

AS IV Serial no: 105447
Version no: 532B

TEST RECORD 00547

Temp Date Time ^{9/} 210L

Air Blank:
04/08/16 02:27 .000
Calibration Check:
30 04/08/16 02:27 .000

Subject Name

Cal Check #2

Subject I.D.

Chris Calvin #349

Operator Name, I.D.

250286 / 02/25/18

Location

231 S. Main St

Carthage, MO

AS IV Serial no: 105447
Version no: 532B

TEST RECORD 00548

Temp Date Time ^{9/} 210L

Air Blank:
04/08/16 02:28 .000
Calibration Check:
30 04/08/16 02:28 .000

Subject Name

Cal Check #3

Subject I.D.

Chris Calvin #349

Operator Name, I.D.

250286 / 02/25/18

Location

231 S. Main St

Carthage, MO

AS IV Serial no: 105447
Version no: 532B

TEST RECORD 00549

Temp Date Time ^{9/} 210L

VOID: RFI
12 04/08/16 02:30

Subject Name

RFI Test

Subject I.D.

Chris Calvin #349

Operator Name, I.D.

250286 / 02/25/18

Location

231 S. Main St

Carthage, MO

AS IV Serial no: 105447
Version no: 532B

TEST RECORD 00550

Temp Date Time ^{9/} 210L

Air Blank:
04/08/16 02:31 .000
Subject Test: Auto
30 04/08/16 02:31 .000

Subject Name

Blank Test

Subject I.D.

Chris Calvin #349

Operator Name, I.D.

250286 / 02/25/18

Location

231 S. Main St

Carthage, MO



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

2

**PERMIT
 TYPE II**

CHRISTOPHER CALVIN

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, INTOXILYZER 8000

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 2/25/2016

NUMBER 250286

EXPIRES 2/25/2018

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 680-0771 (6-10)

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 CALVIN, CHRISTOPHER
 Permit No 250286
 Date issued 2/25/2016 Date Expires 2/25/2018