



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 107973	PRINTER SN 099.3586.816	DATE OF INSPECTION 01/29/2020
LOCATION OF INSTRUMENT (STREET AND CITY) 690 Chesterfield Pkwy W, Chesterfield MO		TIME OF INSPECTION 6:44 pm

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 ILMO LOT # 1781908011 EXP. DATE 08/05/2021

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 ➡ 0.079	TEST 2 ➡ 0.078	TEST 3 ➡ 0.078
----------------	----------------	----------------

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)	0	(.10-.14)	0	(.15-.19)	0	(OVER .19)	0
----------	---	---------	---	-----------	---	-----------	---	-----------	---	------------	---

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 is operating within the Missouri Department of Health Specifications.

INSPECTING OFFICER

SIGNATURE 	PRINT NAME G. Rupp #264
TYPE II PERMIT NUMBER/EXPIRATION DATE 290094 / 04/22/2021	TELEPHONE NUMBER 636-537-3000

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

AS IU Serial no: 107973
Version no: 532B

TEST RECORD 00691

Temp Date Time 210L
g/

Air Blank: 01/29/20 18:44 .000
Calibration Check: 24 01/29/20 18:44 .079

Subject Name
Test #1

Subject I.D.
G.RUPP # 264

Operator Name, I.D.
290094

Location
690 Chestersfield

Prwy W

AS IU Serial no: 107973
Version no: 532B

TEST RECORD 00692

Temp Date Time 210L
g/

Air Blank: 01/29/20 18:46 .000
Calibration Check: 25 01/29/20 18:46 .078

Subject Name
Test #2

Subject I.D.
G.RUPP # 264

Operator Name, I.D.
290094

Location
690 Chestersfield

Prwy W

AS IU Serial no: 107973
Version no: 532B

TEST RECORD 00693

Temp Date Time 210L
g/

Air Blank: 01/29/20 18:47 .000
Calibration Check: 25 01/29/20 18:47 .078

Subject Name
Test #3

Subject I.D.
G.RUPP # 264

Operator Name, I.D.
290094

Location
690 Chestersfield

Prwy W

AS IU Serial no: 107973
Version no: 532B

TEST RECORD 00694

Temp Date Time 210L
g/

VOID: RFI
12 01/29/20 18:49

Subject Name
RFI Test

Subject I.D.
G.RUPP # 264

Operator Name, I.D.
290094

Location
690 Chestersfield

Prwy W



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: 23-Jan-2019

Lot # AG902202 **Model** 108cacd

Exp. Date

22-Jan-2021

Cyl. Type

108

Component

Ethanol

Nitrogen

Certified Concentration

0.080 ± 0.002 BrAC (218 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: 2019.01.23 15:59:23 -06:00
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



PERMIT
TYPE II
GREGORY RUPP

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 4/22/2019

NUMBER 290094

EXPIRES 4/22/2021

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 RUPP, GREGORY
Permit No 290094
Date Issued 4/22/2019 **Date Expires** 4/22/2021

