

### MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES STATE PUBLIC HEALTH LABORATORY BREATH ALCOHOL PROGRAM

REPORT #1

NOTE OF THE PREMER AND CONTROL OF HERMAN POLICE DEPARTMENT OF REPORT OF ASSESSED AND CONTROL OF ASSESSMENT AND CONTROL OF ASSESSED AND CONTROL OF ASS		enever the instrum	ent is serviced or repa	e maintenance check (not aired and whenever it is pl Alcohol Program, DHSS.	aced into service.		
1902 Jefferson Street Hermann  O7.44:22  CHECKLIST: Place a mark in the box by each item if found to be satisfactory or is operating within established limits. (Write in observed values where determined). Unmarked items must be corrected before using instrument.  DIAGNOSTIC RECORD  DATE AND TIME06/23/2020_07:44:24  □ DETECTOR  □ PROGRAM  □ FILTER 1  □ SAMPLE CHAMBER48.7°C  □ FILTER 2  □ BREATH TUBE48.1°C  □ INTERNAL STANDARD  BREATH ANALYZER ACCURACY STANDARDS  □ SIMULATOR STANDARD  □ COMPRESSED ETHANOL-GAS MIXTURE  □ STANDARD SUPPLIERINTOXIMETERS  □ LOT #_AG907710  □ EXP_DATE03/18/2021  □ SIMULATOR TEMP (34°C±0.2°C)  □ SIMULATOR SN							
DIAGNOSTIC RECORD  DATE AND TIME06/23/2020_07:44:24	OCATION OF INSTRUMENT (STREET AND CITY)						
DATE AND TIME 06/23/2020 07:44:24    DETECTOR	CHECKLIST: Place a r	nark in the box by ed). Unmarked item	each item if found to be s must be corrected be	pe satisfactory or is operat pefore using instrument.	ing within established limits. (Wri	ite in observed	
© PROGRAM  © FILTER 1  © SAMPLE CHAMBER 48.7°C  © FILTER 2  © BREATH TUBE 48.1°C  © FILTER 3  © PUMP  © INTERNAL STANDARD  GREATH ANALYZER ACCURACY STANDARDS  □ SIMULATOR STANDARD  © COMPRESSED ETHANOL-GAS MIXTURE  © STANDARD SUPPLIER INTOXIMETERS  LOT # AG907710  EXP. DATE 03/18/2021  SIMULATOR TEMP (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. All three tests must be within ±5% of the standard value and must have a spread of .005 or less. Mark the box corresponding to the standard being used.  © 0.10% STANDARD - MUST READ BETWEEN 0.095% AND 0.105% INCLUSIVE  □ 0.08% STANDARD - MUST READ BETWEEN 0.096% AND 0.084% INCLUSIVE  □ 0.04% STANDARD - MUST READ BETWEEN 0.096% AND 0.042% INCLUSIVE  TEST 1: 0.100  © PERFORM R.F.I. TEST INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT: INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT: INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT: INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT: INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT: INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT: INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE INSTRUMENT TO OPERATE SATISFACTORILY AND WITHIN LIST ANY NEW PARTS AND DESCRIBE ANY ALTERATOR OR MODIFICATION THAT WAS MADE TO RESTORE THE INSTRUMENT TO OPERATE SATISFACTORILY AND WITHIN LIST ANY NEW PARTS AND DESCRIBE ANY ALTERATOR OR MODIFICATION THAT WAS MADE TO RESTORE THE INSTRUMENT TO OPERATE SATISFACTORILY AND WITHIN LIST ANY NEW PARTS AND DESCRIBE ANY ALTERATOR OR MODIFICATION THAT WAS MADE TO RESTORE THE INSTRUMENT TO OPERATE SATISFACTORILY AND WITHIN LIST ANY NEW PARTS AND DESCRIBE ANY ALTERATOR OR MADE TO RESTORE THE INSTRUMENT TO OPERA	DIAGNOSTIC REC	CORD					
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SIMULATOR STANDARD   SIMULATOR STANDARD   SIMULATOR STANDARD   SIMULATOR SN   SIMULATOR EXP DATE   O3/18/2021	SAMPLE CHA	MBER_48.7°C		☑ FILTER 2			
REATH ANALYZER ACCURACY STANDARDS    SIMULATOR STANDARD	☑ BREATH TUBE	48.1°C		☑ FILTER 3			
□ SIMULATOR STANDARD □ STANDARD SUPPLIER INTOXIMETERS □ LOT # AG907710 □ EXP. DATE □ 03/18/2021 □ SIMULATOR TEMP (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. All three tests must be within ±5% of the standard value and must have a spread of .005 or less. Mark the box corresponding to the standard being used. □ 0.10% STANDARD - MUST READ BETWEEN 0.095% AND 0.105% INCLUSIVE □ 0.08% STANDARD - MUST READ BETWEEN 0.095% AND 0.084% INCLUSIVE □ 0.04% STANDARD - MUST READ BETWEEN 0.038% AND 0.042% INCLUSIVE □ 0.04% STANDARD - MUST READ BETWEEN 0.038% AND 0.042% INCLUSIVE □ D.04% STANDARD - MUST READ BETWEEN 0.038% AND 0.042% INCLUSIVE □ D.04% STANDARD - MUST READ BETWEEN 0.038% AND 0.042% INCLUSIVE □ D.04% STANDARD - MUST READ BETWEEN 0.038% AND 0.042% INCLUSIVE □ D.04% STANDARD - MUST READ BETWEEN 0.038% AND 0.042% INCLUSIVE □ D.04% STANDARD - MUST READ BETWEEN 0.038% AND 0.042% INCLUSIVE □ D.04% STANDARD - MUST READ BETWEEN 0.038% AND 0.042% INCLUSIVE □ D.04% STANDARD - MUST READ BETWEEN 0.038% AND 0.042% INCLUSIVE □ D.04% STANDARD - MUST READ BETWEEN 0.038% AND 0.042% INCLUSIVE □ D.04% STANDARD - MUST READ BETWEEN 0.038% AND 0.042% INCLUSIVE □ D.04% STANDARD - MUST READ BETWEEN 0.038% AND 0.042% INCLUSIVE □ D.04% STANDARD - MUST READ BETWEEN 0.038% AND 0.042% INCLUSIVE □ D.04% STANDARD - MUST READ BETWEEN 0.038% AND 0.042% INCLUSIVE □ D.04% STANDARD - MUST READ BETWEEN 0.098% AND 0.042% INCLUSIVE □ D.04% STANDARD - MUST READ BETWEEN 0.098% AND 0.042% INCLUSIVE □ D.04% STANDARD - MUST READ BETWEEN 0.098% AND 0.042% INCLUSIVE □ D.04% STANDARD - MUST READ BETWEEN 0.098% AND 0.042% INCLUSIVE □ D.04% STANDARD - MUST READ BETWEEN 0.098% AND 0.042% INCLUSIVE □ D.04% STANDARD - MUST READ BETWEEN 0.098% AND 0.042% INCLUSIVE □ D.04% STANDARD - MUST READ BETWEEN 0.098% AND 0.042% INCLUSIVE □ D.04% STANDARD - MUST READ BETWEEN 0.098% AND 0.042% INCLUSIVE □ D.04% STANDARD - MUST READ BETWEEN 0.098% AND 0.042% INC	☑ PUMP				STANDARD		
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CALIBRATION CHECK - (ONLY ONE STANDARD IS TO BE USED PER MAINTENANCE REPORT) Run three tests using a standard. All three tests must be within ±5% of the standard value and must have a spread of .005 or less. Mark the box corresponding to the standard being used.      □ 0.10% STANDARD - MUST READ BETWEEN 0.095% AND 0.105% INCLUSIVE □ 0.08% STANDARD - MUST READ BETWEEN 0.076% AND 0.084% INCLUSIVE □ 0.08% STANDARD - MUST READ BETWEEN 0.038% AND 0.042% INCLUSIVE □ 0.04% STANDARD - MUST READ BETWEEN 0.038% AND 0.042% INCLUSIVE      □ 0.04% STANDARD - MUST READ BETWEEN 0.038% AND 0.042% INCLUSIVE      □ 0.04% STANDARD - MUST READ BETWEEN 0.038% AND 0.042% INCLUSIVE      □ 0.04% STANDARD - MUST READ BETWEEN 0.038% AND 0.042% INCLUSIVE      □ 0.04% STANDARD - MUST READ BETWEEN 0.038% AND 0.042% INCLUSIVE      □ 0.04% STANDARD - MUST READ BETWEEN 0.038% AND 0.042% INCLUSIVE      □ 0.04% STANDARD - MUST READ BETWEEN 0.038% AND 0.042% INCLUSIVE      □ 0.04% STANDARD - MUST READ BETWEEN 0.038% AND 0.042% INCLUSIVE      □ 0.04% STANDARD - MUST READ BETWEEN 0.038% AND 0.042% INCLUSIVE      □ 0.04% STANDARD - MUST READ BETWEEN 0.038% AND 0.042% INCLUSIVE      □ 0.04% STANDARD - MUST READ BETWEEN 0.038% AND 0.042% INCLUSIVE      □ 0.04% STANDARD - MUST READ BETWEEN 0.038% AND 0.042% INCLUSIVE      □ 0.04% STANDARD - MUST READ BETWEEN 0.038% AND 0.042% INCLUSIVE      □ 0.04% STANDARD - MUST READ BETWEEN 0.038% AND 0.042% INCLUSIVE      □ 0.04% STANDARD - MUST READ BETWEEN 0.038% AND 0.042% INCLUSIVE      □ 0.04% STANDARD - MUST READ BETWEEN 0.038% AND 0.042% INCLUSIVE      □ 0.04% STANDARD - MUST READ BETWEEN 0.038% AND 0.042% INCLUSIVE      □ 0.04% STANDARD - MUST READ BETWEEN 0.038% AND 0.042% INCLUSIVE      □ 0.04% STANDARD - MUST READ BETWEEN 0.038% AND 0.042% INCLUSIVE      □ 0.04% STANDARD - MUST READ BETWEEN 0.038% AND 0.042% INCLUSIVE      □ 0.04% STANDARD - MUST READ BETWEEN 0.038% AND 0.042% INCLUSIVE      □ 0.04% STANDARD - MUST READ BETWEEN 0.038% AND 0.044% INCLUSIVE      □ 0.04% STANDARD - MUST READ BETWEEN	STANDARD SUPP	LIER INTOXIME	TERS	LOT# AG907710	EXP. DATE <u>03/</u>	18/2021	
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LYNDE E MANTELS II							
TYPE II PERMITNUMBER EXPIRATION DATE TELEPHONE NUMBER	INSPECTING OFFICE	ER					
290177 08/09/2021 573-486-2211				LYNDE E M			



### 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:

20-Mar-2019

Lot # AG907710 Model 108cacd

Exp. Date 18-Mar-2021 Cyl. Type 108

Component Ethanol Nitrogen

**Certified Concentration** 0.100 ± 2% BrAC (260 ppm)

Balance

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

**RGM Serial No.** Concentration EB0010581 392.1 ppm EB0010570 259.8 ppm EB0010285 208.0 ppm EB0010561 103.6 ppm EB0010681 52.12 ppm

Concentration CRM Serial No. CC434668 800.0 ppm CC234503 253.0 ppm

**RGM Serial No.** Concentration EB0010603 393.0 ppm EB0010559 258.2 ppm EB0010595 208.3 ppm EB0010562 104.2 ppm EB0010579 52.81 ppm

**CRM Serial No.** Concentration 0056649 390.1 ppm 0056662 150.2 ppm

**Analytical Method:** 

NDIR

Digitally signed by Quality Control Date: 2019.03.20 11:13:55 -05:00 Reason: Dry gas standard certification of analysis Location: Airgas USA LLC (Lab)

Approved for Release:

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

## LYNDE E MANTELS II

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

## INTOX DMT

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	8/9/2019		
NUMBER	290177		

EXPIRES 8/9/2021

MO 580-0771 (6-10)

WS hot

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

for Ullellen

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 all in Missouri.

Operator MANTELS II, LYNDE

Permit No 290177

Date Issued 8/9/2019 Date Expires 8/9/2021

