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By Carol Day at 12:46 pm, Mar 07, 2016

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

INTOX DMT MAINTENANCE REPORT

REPORT #1

Complete this report at the time of the regular monthly preventive maintenance check (not to exceed 35 days).
Complete this report whenever the instrument is serviced or repaired and whenever it is placed into service.
Retain the original and send a copy within 15 days to the Breath Alcohol Program, DHSS.

INTOX DMT SN	NAME OF AGENCY	DATE OF INSPECTION
500052	Missouri State Highway Patrol	03/07/2016
LOCATION OF INSTRUMENT (STREET AND CITY)		TIME OF INSPECTION
2920 N. Shamrock, Jefferson City		08:53:19

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 TIME 03/07/2016 08:53:21

☒ DETECTOR
☒ PROGRAM
☒ FILTER 1
☒ SAMPLE CHAMBER 48.8°C
☒ FILTER 2
☒ BREATH TUBE 45.5°C
☒ FILTER 3
☒ PUMP
☒ INTERNAL STANDARD

BREATH ANALYZER ACCURACY STANDARDS

☐ SIMULATOR STANDARD
☒ COMPRESSED ETHANOL-GAS MIXTURE

☒ STANDARD SUPPLIER ILMO LOT # 25814080A3 EXP. DATE 10/05/2016

☐ 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 0.076% AND 0.084% INCLUSIVE
☐ 0.04% STANDARD - MUST READ BETWEEN 0.038% AND 0.042% INCLUSIVE

TEST 1: 0.078	TEST 2: 0.077	TEST 3: 0.077

☒ PERFORM R.F.I. TEST

INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT:

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)

Lamp and Cooler voltages adjusted to bring Detector voltage down slightly.

INSPECTING OFFICER

SIGNATURE	PRINT FULL NAME	
	JIMMY L CLEVELAND	
TYPE II PERMIT NUMBER	EXPIRATION DATE	TELEPHONE NUMBER
250155	07/22/2017	573-526-6193

RETURN COMPLETED REPORT TO THE Breath Alcohol Program, MO Department of Health and Senior Services
Southeast District Office
2875 James Blvd, Poplar Bluff, MO 63901

AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER
services provided on a nondiscriminatory basis

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

2

PERMIT
TYPE II

JIMMY L CLEVELAND

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 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 7/22/2015

NUMBER 250155

EXPIRES 7/22/2017

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (6-10)

LAB-4 (R5-10)

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 CLEVELAND, JIMMY
Permit No 250155
Date Issued 7/22/2015 **Date Expires** 7/22/2017

ILMO
specialty gases

7 Eastgate Dr. • P.O. Box 790 • Jacksonville, IL 62651-0790
217-245-2183 • Fax: 217-243-7634 • www.ilmoproducts.com

Certificate of Analysis

Certificate ID: 7199

Part #: BAC108L080T
Cylinder Size: 108L
Lot Number: 25814080A3
Expiration: 10/5/2016

0.080 **BAC (For the calibration of instruments used to determine breath alcohol concentration)**

Contents: 108 Liters @ 1200 psig 70°F (21°C)

Component:	Concentration:	Accuracy:	Method:
Ethanol	208 ppm	+/- 0.002 or 2% BAC whichever is greater	NDIR
Nitrogen	balance		

*NIST Standard Reference Material
Cylinder No. CC14290 / Job No. 09160202
Certified 212.8 µmol/mol Ethanol in Nitrogen
for ILMO Products Co., Jacksonville, IL

Store in dry area, away from sources of heat, ignition and direct sunlight. Do not allow storage area to exceed 52 °C (125 °F).

Jacob Matte
Specialty Gas Lab Tech

09/25/14
Date

ISO/IEC 17025:2005
Accredited Laboratory

Distributed by: CMI Inc.
316 East Ninth Street
Owensboro, KY 42303
Phone 866-835-0690
www.alcoholtest.com

ILMO specialty gases

Corporate Office.
P.O. Box 790, 7 Eastgate Drive
Jacksonville, IL 62651
217-245-2183
Fax: 217-243-7634
www.ilmoproducts.com

ISO/IEC 17025:2005
Accredited Laboratory

Certificate of Analysis

Customer	CMI Calibration Laboratory, CMI Inc. 316 East Ninth Street, Owensboro, KY 42303
Item Description	Ethanol Dry Gas Standard (Ethanol in Nitrogen)
Target Value	0.080 BAC
Lot Number	25814080A3
Manufacture Date	September 15, 2014
Expiration Date	October 5, 2016
Analysis Type/Test Method	NDIR/DMT-1
Lot Average (ppm/BAC)	211.7/0.081
Lot Measurement of Uncertainty [+/- ppm/BAC]	4.7/0.0018

NTRM Information	
Batch#	09160202
Serial#	CC14290
Reported NIST Value (ppm)	212.8

Specialty Gas Analytical Lab Technician
ILMO Products Company

Date

* The stated expanded uncertainty was determined from the combined uncertainty associated with the following: calibration standard, equipment accuracy, repeatability and random variability (instrument readability). The uncertainty is expressed as $U = ku$, where u is the combined standard uncertainty and the coverage factor k is equal to 2, yielding a level of confidence of approximately 95%.

* The results on this report relate only to the items tested in the group of cylinders designated by the 'Lot Number' field.