



Missouri Department of Health and Senior Services
P.O. Box 570, Jefferson City, MO 65102-0570 Phone: 573-751-6400 FAX: 573-751-6010
RELAY MISSOURI for Hearing and Speech Impaired 1-800-735-2966 VOICE 1-800-735-2466
Gail Vasterling
Director



Jeremiah W. (Jay) Nixon
Governor

Missouri Department of Health and Senior Services Breath Alcohol Program

SIMULATOR CALIBRATION REPORT

This is to certify that the simulator listed below has been examined and tested using standards traceable to the National Institute of Standards and Technology (NIST) in accordance to the standards set by the Rules of Missouri Department of Health and Senior Services, 19 CSR 25-30.

SIMULATOR INFORMATION

Agency: Missouri State Highway Patrol
Serial Number: MP2421
Manufacturer: Guth
Model Number: 12V500

CALIBRATION RESULTS

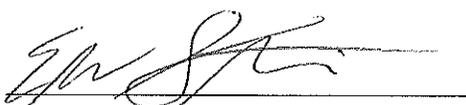
<u>Reference Temperature</u>	<u>Simulator Temperature</u>
34.01	34.00

This calibration was performed with
NIST-Traceable Thermometer SN: 306168

This simulator was tested by: JLC

This testing was performed: 12/11/15

This certification expires: 12/11/16

Signature of certifying DHSS Scientist: 

Name of certifying DHSS Scientist: Ellen R. Strawsine



Gail Vasterling
 Director

Jeremiah W. (Jay) Nixon
 Governor

Missouri Department of Health and Senior Services Breath Alcohol Program

BREATH ALCOHOL SIMULATOR TEST WORKSHEET

Test Simulator Information

Agency: Missouri State Highway Patrol
 Email for COC: Jimmy.cleveland@mshp.dps.mo.gov
 Serial Number: MP2421
 Manufacturer: Guth
 Model Number: 12V500

C'D 05548

NIST-Traceable Reference Thermometer Information

Serial Number: 306168
 Date of Certification: 08/13/2015
 Date of Expiration: 08/13/2016

Test Simulator Measurements

Readings	Reference Thermometer	Test Simulator
1	34.01	34.00
2	34.01	34.00
3	34.01	34.00
4	34.01	34.00
5	34.01	34.00

COPY OF LABEL PLACED ON SIMULATOR

This simulator has been calibrated according to IHA's specifications.

SIMULATOR SERIAL NO.: MP2421
 EXPIRATION DATE: 12-13-15
 DATE OF CALIBRATION: 12-11-15
 NIST REF. THERM. SERIAL NO.: 306168
 APPROVED TECH: JLC
 ANALYST INITIALS: JLC

Bias (δT): -.01

Technician performing testing: Jimmy Cleveland

I hereby certify that all data submitted within this form was collected in accordance with the DHSS Procedure for the Testing of Breath Alcohol Simulators and 19 CSR 25-30.051, Breath Analyzer Calibration and Accuracy Verification Standards.

Signature: *Jimmy Cleveland* Date: 12-11-15

Submit completed forms for simulator certification to DHSS Breath Alcohol Program by fax at (573) 840-9139 or by email at brian.lutmer@health.mo.gov or breathalcohol@health.mo.gov.