NORTH DAKOTA OFFICE OF ATTORNEY GENERAL
CRIME LABORATORY DIVISION

INTOXILYZER® 8000 CALIBRATION ADJUSTMENT

Intoxilyzer® 8000 Serial Number: 80-00 4939 Calibration Adjustment Location: TOXL

A. Pre-Adjustment
Replaced Simulator Return O-Ring Yes or (No)

B. Calibration Adjustment (Level 3,M,C,O)
1. ☒ Autocalibration Printout Attached
   - ☒ Max Power Res Value ≥ 10
   - ☒ Auto Range Res Value ≥ 4
2. Simulator Solutions for Calibration Adjustment

Soln.	g/210 L	Lot No.	Exp. Date	Simulator SN
1	0.000	NA-Milli-Q H_2O	NA-Milli-Q H_2O	MP3060
2	0.040	2024101D	22Oct26	MP3071
3	0.080	202501A	15Jan27	MP3061
4	0.100	202408F	28Aug26	MP3062
5	0.300	202408H	29Aug28	MP3058

3. 0.080 AC Calibration Gas for H_2O Adjustment
   Lot No. 26-4437 Cyl No. 104 Exp. Date: 1/29/28
4. Atmospheric Pressure
   - Displayed by Intoxilyzer® 8000 937 mbar
   - Adjusted to using barometer 963 mbar
   - Auto Calibration Report printout 963 mbar
   - Barometer Model 10510-922
   - Barometer Serial Number 250063741
   - Barometer Calibration Expiration Date 04Feb27
5. ☒ Screen displayed "Calibration Success"
6. ☒ Calibration Adjustment Printout Attached
   - ☒ Solution 1 Avg % Abs ≤ 0.2500
   - ☒ Solution 2-5 REL STD DEV ≤ 3.000
   - ☒ Residual (g/210 L) values for solutions 1 - 5 ≤ 0.0020 for 3 µm and 9 µm channels

☒ Dry Gas H_2O adjustment sum for 3 µm and 9 µm channels within ± 10
3 µm 3233 (Ave.) + 576 (H_2O Adj.) = 3809
9 µm 3346 (Ave.) + 463 (H_2O Adj.) = 3809

C. Is an Annual Inspection due for this instrument? (Yes) or No
If Yes, complete Intoxilyzer 8000 Annual Inspection (Document ID: 11698)
If No, complete Intoxilyzer 8000 Calibration (Document ID: 11871).

Remarks/Notes: This calibration adjustment was performed during the Annual Inspection.

Breath Alcohol Analyst Signature — Date: 09April2026

Reviewer Signature — Date: 10 Apr 2026

TOXL
Intoxilyzer - Alcono! Analyzer
Model 8000 SN 80-004939
04/09/2026 12:24:19

Auto Calibration
Max Power Res Value = 17
Auto Range Res Value = 6

09Apri2026

TOXL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-004939
04/09/2026 12:24:19

Auto Calibration

	<<<<< 3um >>>>>		<<<<< 9um >>>>>	
Solution = 0.000 g/210L or 0.0000 mg/l, Samples = 4, Discarded = 1				
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	0.1740	(-0.0200)	0.2720	(-0.0080)
Sample #2	0.1290	(0.0560)	0.2550	(0.0070)
Sample #3	0.1400	(0.0760)	0.2360	(0.0230)
Sample #4	0.1670	(0.0800)	0.2440	(0.0100)
Avg % Abs	0.1453	(0.0707)	0.2450	(0.0133)
STD DEV	0.0196	(0.0129)	0.0095	(0.0085)
REL STD DEV	13.454	(18.196)	3.894	(63.787)
Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1				
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	0.8790	(0.0110)	1.6180	(0.0070)
Sample #2	0.8240	(0.0660)	1.5840	(0.0190)
Sample #3	0.8210	(0.0740)	1.5520	(0.0430)
Sample #4	0.8240	(0.0760)	1.5320	(0.0520)
Avg % Abs	0.8230	(0.0720)	1.5560	(0.0380)
STD DEV	0.0017	(0.0053)	0.0262	(0.0171)
REL STD DEV	0.210	(7.349)	1.686	(44.891)
Solution = 0.080 g/210L or 0.3810 mg/l, Samples = 4, Discarded = 1				
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	1.6090	(0.0000)	2.9840	(-0.0080)
Sample #2	1.5760	(0.0430)	2.9800	(0.0030)
Sample #3	1.5670	(0.0600)	2.9760	(-0.0030)
Sample #4	1.5130	(0.0850)	2.9030	(0.0460)
Avg % Abs	1.5520	(0.0627)	2.9530	(0.0153)
STD DEV	0.0341	(0.0211)	0.0433	(0.0267)
REL STD DEV	2.195	(33.713)	1.468	(174.307)
Solution = 0.100 g/210L or 0.4762 mg/l, Samples = 4, Discarded = 1				
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	2.0140	(-0.0140)	3.6910	(-0.0020)
Sample #2	1.9440	(0.0320)	3.6560	(0.0100)
Sample #3	1.8940	(0.0900)	3.5840	(0.0780)
Sample #4	1.8860	(0.0820)	3.5890	(0.0650)
Avg % Abs	1.9080	(0.0680)	3.6097	(0.0510)
STD DEV	0.0314	(0.0314)	0.0402	(0.0361)
REL STD DEV	1.647	(46.224)	1.114	(70.779)
Solution = 0.300 g/210L or 1.4286 mg/l, Samples = 4, Discarded = 1				
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	5.3730	(-0.0070)	9.9400	(-0.0150)
Sample #2	5.3470	(0.0190)	9.9430	(0.0190)
Sample #3	5.2720	(0.0790)	9.7930	(0.1460)
Sample #4	5.2820	(0.0840)	9.7800	(0.1740)
Avg % Abs	5.3003	(0.0607)	9.8387	(0.1130)
STD DEV	0.0407	(0.0362)	0.0906	(0.0826)
REL STD DEV	0.768	(59.622)	0.921	(73.099)

04/09/2026

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Model 8000 SN 80-004939
04/09/2026 12:24:19

Auto Calibration

	<<<<< 3um >>>>>	<<<<< 9um >>>>>
Zero Order Coef	-355.54	-306.61
First Order Coef	2657.34	1364.63
Second Order Coef	19.72	12.02

Act (g/210L)	Fit (g/210L)	Residual (g/210L)	Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	0.001	-0.0007	0.000	0.001	-0.0006
0.040	0.039	0.0013	0.040	0.039	0.0012
0.080	0.080	-0.0001	0.080	0.080	-0.0004
0.100	0.101	-0.0005	0.100	0.100	-0.0003
0.300	0.300	0.0001	0.300	0.300	0.0001

	<<<<< 3um >>>>>	<<<<< 9um >>>>>

Solution = 0.080 g/210L or 0.3810 mg/l, Samples = 4, Discarded = 1

Sample		
Sample #1	3349.00	3355.00
Sample #2	3218.00	3324.00
Sample #3	3185.00	3334.00
Sample #4	3297.00	3381.00
Avg	3233.3333	3346.3333
STD DEV	57.5529	30.4357
REL STD DEV	1.780	0.910
H2O adjust (mg/l*10k)	576	463

Atmospheric Pressure = 963

**********CALIBRATION SUCCESSFUL**********

09April2026