NORTH DAKOTA OFFICE OF ATTORNEY GENERAL
CRIME LABORATORY DIVISION

INTOXILYZER® 8000 CALIBRATION ADJUSTMENT

Intoxilyzer® 8000 Serial Number: 80-00 4950 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	MP3066
2	0.040	202410D	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 936 mbar
   - Adjusted to using barometer 941 mbar
   - Auto Calibration Report printout 941 mbar
   - Barometer Model 10510-922
   - Barometer Serial Number 250063741
   - Barometer Calibration Expiration Date 04Feb2027
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 3400 (Ave.) + 409 (H_2O Adj.) = 3809
9 µm 3324 (Ave.) + 485 (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 completed during the annual inspection.

Breath Alcohol Analyst Signature — Date: 10 June 2026

Reviewer Signature — Date: 10 June 2026

TOXL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-004950
06/10/2026 10:13:14

Auto Calibration
Max Power Res Value = 13
Auto Range Res Value = 5

AEI
6/10/26

TOXL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-004950
06/10/2026 10:13:14

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	0.0620	(-0.0170)	0.1390	(-0.0010)
Sample #2	0.0450	(0.0070)	0.1560	(-0.0130)
Sample #3	0.0620	(0.0300)	0.1410	(0.0080)
Sample #4	0.0640	(0.0340)	0.1360	(0.0170)
Avg % Abs	0.0570	(0.0237)	0.1443	(0.0040)
STD DEV	0.0104	(0.0146)	0.0104	(0.0154)
REL STD DEV	18.316	(61.570)	7.211	(384.870)
Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1				
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	0.7350	(0.0040)	1.5350	(0.0370)
Sample #2	0.7320	(0.0220)	1.4840	(0.0460)
Sample #3	0.7660	(0.0250)	1.4780	(0.0790)
Sample #4	0.7390	(0.0390)	1.4810	(0.0860)
Avg % Abs	0.7457	(0.0287)	1.4810	(0.0703)
STD DEV	0.0180	(0.0091)	0.0030	(0.0214)
REL STD DEV	2.408	(31.653)	0.203	(30.372)
Solution = 0.080 g/210L or 0.3810 mg/l, Samples = 4, Discarded = 1				
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	1.3960	(0.0070)	2.8550	(-0.0090)
Sample #2	1.4350	(0.0130)	2.7350	(0.0890)
Sample #3	1.4090	(0.0360)	2.7730	(0.0710)
Sample #4	1.4260	(0.0520)	2.7650	(0.0910)
Avg % Abs	1.4233	(0.0337)	2.7577	(0.0837)
STD DEV	0.0132	(0.0196)	0.0200	(0.0110)
REL STD DEV	0.928	(58.231)	0.726	(13.166)
Solution = 0.100 g/210L or 0.4762 mg/l, Samples = 4, Discarded = 1				
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	1.7470	(0.0110)	3.5110	(-0.0090)
Sample #2	1.7810	(0.0220)	3.4350	(0.0500)
Sample #3	1.7910	(0.0240)	3.4750	(0.0420)
Sample #4	1.7900	(0.0280)	3.4730	(0.0520)
Avg % Abs	1.7873	(0.0247)	3.4610	(0.0480)
STD DEV	0.0055	(0.0031)	0.0225	(0.0053)
REL STD DEV	0.308	(12.385)	0.651	(11.024)
Solution = 0.300 g/210L or 1.4286 mg/l, Samples = 4, Discarded = 1				
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	4.9960	(-0.0140)	9.4070	(-0.0330)
Sample #2	5.0220	(0.0210)	9.3830	(0.0410)
Sample #3	4.9990	(0.0410)	9.4130	(0.0430)
Sample #4	4.9970	(0.0380)	9.3940	(0.0490)
Avg % Abs	5.0060	(0.0333)	9.3967	(0.0443)
STD DEV	0.0139	(0.0108)	0.0152	(0.0042)
REL STD DEV	0.278	(32.357)	0.162	(9.391)

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Model 8000 SN 80-004950
06/10/2026 10:13:14

Auto Calibration

	<<<<< 3um >>>>>	<<<<< 9um >>>>>
Zero Order Coef	-141.80	-191.00
First Order Coef	2699.76	1388.18
Second Order Coef	36.34	16.20

Act (g/210L)	Fit (g/210L)	Residual (g/210L)	Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	0.000	-0.0003	0.000	0.000	-0.0002
0.040	0.040	0.0003	0.040	0.040	0.0001
0.080	0.079	0.0007	0.080	0.079	0.0010
0.100	0.101	-0.0008	0.100	0.101	-0.0010
0.300	0.300	0.0000	0.300	0.300	0.0000

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

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

Sample		
Sample #1	3447.00	3519.00
Sample #2	3442.00	3290.00
Sample #3	3421.00	3369.00
Sample #4	3339.00	3314.00
Avg	3400.6667	3324.3333
STD DEV	54.4273	40.5010
REL STD DEV	1.600	1.218
H2O adjust (mg/l*10k)	409	485

Atmospheric Pressure = 941

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

AEI 6/10/26