



INSTRUMENT PROCESSING SHEET

Agency Auburndale Police Department

S/N 80-001231

Florida Department of Law Enforcement

Date In 02/23/2018

DI Completion Date 03/14/2018

Ship P/U H/D CMI EE

Intake Performed By <u>PJM</u> <input checked="" type="checkbox"/> Annual <input type="checkbox"/> Registration <input type="checkbox"/> Return from CMI / EE Visual Inspection: <input checked="" type="checkbox"/> Case <input checked="" type="checkbox"/> Handle <input checked="" type="checkbox"/> Keyboard <input checked="" type="checkbox"/> Dry Gas Shelf <input checked="" type="checkbox"/> Feet <input checked="" type="checkbox"/> Breath Tube <input checked="" type="checkbox"/> Ports <input checked="" type="checkbox"/> Screws Tight Other Equipment/ Accessories: <input type="checkbox"/> Power cord <input type="checkbox"/> Printer Cable <input checked="" type="checkbox"/> Static Bag <input type="checkbox"/> 12V DC Cable Notes: _____ _____ _____		Quality Checks Performed By <u>DMB</u> <input checked="" type="checkbox"/> Breath Tube Screen <input checked="" type="checkbox"/> Replace External O-Rings <input checked="" type="checkbox"/> Instrument Set Up Verified <input checked="" type="checkbox"/> R-Value <u>141</u> <input checked="" type="checkbox"/> Flow Verification (L/s) Flow Column # <u>ATP 102</u> 32 mm <u>0.136</u> (.139 - .169) 36 mm <u>0.152</u> (.156 - .190) 53 mm <u>0.230</u> (.228 - .278) 103 mm <u>0.500</u> (.447 - .547) <input checked="" type="checkbox"/> Barometric Pressure Check Gauge ID # <u>28427</u> <input checked="" type="checkbox"/> Stability Checks		Flow Calibration Performed By <u>DMB</u> Flow Column # <u>ATP 103</u> <input checked="" type="checkbox"/> 5L/min - 17mm <input checked="" type="checkbox"/> 15L/min - 53mm <input checked="" type="checkbox"/> 30L/min - 103mm <input checked="" type="checkbox"/> R-Value <u>141</u> <input checked="" type="checkbox"/> Post Calibration Verification (L/s) Flow Column # <u>ATP 102</u> 32 mm <u>0.152</u> (.139 - .169) 36 mm <u>0.167</u> (.156 - .190) 53 mm <u>0.242</u> (.228 - .278) 103 mm <u>0.507</u> (.447 - .547)																																							
Final Release Date FDLE MAR 14 2018 Alcohol Testing Program		<table border="1"> <thead> <tr> <th>Simulator</th> <th>Serial #</th> <th>Lot #/Exp</th> </tr> </thead> <tbody> <tr> <td>0.050</td> <td>G2835</td> <td>201707D 07/25/2019</td> </tr> <tr> <td>0.080</td> <td>SD3964</td> <td>201707E 07/25/2019</td> </tr> <tr> <td>0.200</td> <td>SD1025</td> <td>201707C 07/24/2019</td> </tr> <tr> <td>0.080 DGS</td> <td>N/A</td> <td>AG715202 06/01/2019</td> </tr> </tbody> </table>		Simulator	Serial #	Lot #/Exp	0.050	G2835	201707D 07/25/2019	0.080	SD3964	201707E 07/25/2019	0.200	SD1025	201707C 07/24/2019	0.080 DGS	N/A	AG715202 06/01/2019	Maintenance Performed By <u>DMB</u> <input checked="" type="checkbox"/> Battery Replacement <input type="checkbox"/> Dry Gas Regulator Replacement <input type="checkbox"/> Breath Tube Replacement <input type="checkbox"/> Other _____ Temperature Checks Performed By <u>DMB</u> <input checked="" type="checkbox"/> Lab Temp °C <u>22.6</u> External Digital Therm. ID#: <u>300503</u> <input checked="" type="checkbox"/> 34°C +/- .2 Serial #: <u>G11739</u> <input checked="" type="checkbox"/> 34°C +/- .2 Serial #: <u>SD3964</u> <input checked="" type="checkbox"/> 34°C +/- .2 Serial #: <u>DR3856</u>																								
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Notes/Suggested Service: <u>Please change level 2 menu password to something unique. 3/6/18 DMB</u> <u>Optical Bench Calibration Adjustment performed to bring values closer to nominal. 03/14/18</u> _____ _____		<input checked="" type="checkbox"/> Instrument Complies with Chapter 11D-8, FAC <input type="checkbox"/> Instrument Does Not Comply with Chapter 11D-8, FAC <input checked="" type="checkbox"/> Return to/Place into Evidentiary Use <input type="checkbox"/> Remain Out of Evidentiary Use <input checked="" type="checkbox"/> Conduct an Agency Inspection Before Evidentiary Use <u>P. P. 3/14/18</u> <u>J. John 3/14/18</u> Tech Review / Date Admin Review / Date																																									

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: AUBURNDALE PD
Time of Inspection: 14:13

Date of Inspection: 03/14/2018

Serial Number: 80-001231
Software: 8100.27

Check or Test	YES	NO	Check or Test	YES	NO
Diagnostic Check (Pre-Inspection): OK	Yes		Date and/or Time Adjusted		No
Minimum Sample Volume Check: OK	Yes		Barometric Pressure Sensor Check: OK	Yes	
Alcohol Free Subject Test: 0.000	Yes		Mouth Alcohol Test: Slope Not Met	Yes	
Interferent Detect Test: Interferent Detect	Yes		Diagnostic Check (Post-Inspection): OK	Yes	

Alcohol Free Test (g/210L)	0.05g/210L Test (g/210L) Lot#:201707D Exp: 07/25/2019	0.08g/210L Test (g/210L) Lot#:201707E Exp: 07/25/2019	0.20g/210L Test (g/210L) Lot#:201707C Exp: 07/24/2019	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG715202 Exp: 06/01/2019
0.000	0.050	0.081	0.199	0.081
0.000	0.050	0.082	0.201	0.081
0.000	0.050	0.082	0.202	0.080
0.000	0.050	0.082	0.203	0.081
0.000	0.050	0.082	0.202	0.081
0.000	0.051	0.082	0.202	0.081
0.000	0.051	0.082	0.202	0.081
0.000	0.051	0.082	0.202	0.081
0.000	0.051	0.082	0.202	0.081
0.000	0.051	0.082	0.202	0.081
0.000	0.051	0.082	0.202	0.080

Standard Deviations	0.0005	0.0003	0.0010	0.0004
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0005 Number of Simulators Used: 5

Remarks:

Pgm

The above instrument complies () does not comply () with Chapter 11D-8, FAC.

I certify that I performed this inspection in accordance with the provisions of Chapter 11D-8, FAC.

Danielle M Bell

DANIELLE M BELL

Signature and Printed Name

03/14/2018
Date

*3/14/18
JA*

Stability Checks # 80-001231 Auburndale P.D. 3/6/18 *AKB*

AKB

AUBURNDALE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001231
03/06/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:14
Control Test	0.051	11:15
Air Blank	0.000	11:16
Control Test	0.051	11:16
Air Blank	0.000	11:17
Control Test	0.050	11:18
Air Blank	0.000	11:18
Control Test Stats		
Average	0.0507	
Std Dev	0.0006	
Rel Std Dev(%)	1.1395	

AKB
Operator's Signature

3/14/18
AKB

AUBURNDALE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001231
03/06/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:20
Control Test	0.082	11:21
Air Blank	0.000	11:21
Control Test	0.082	11:22
Air Blank	0.000	11:22
Control Test	0.083	11:23
Air Blank	0.000	11:24
Control Test Stats		
Average	0.0823	
Std Dev	0.0006	
Rel Std Dev(%)	0.7012	

AKB
Operator's Signature

AUBURNDALE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001231
03/06/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:26
Control Test	0.199	11:27
Air Blank	0.000	11:27
Control Test	0.199	11:28
Air Blank	0.000	11:28
Control Test	0.200	11:29
Air Blank	0.000	11:30
Control Test Stats		
Average	0.1993	
Std Dev	0.0006	
Rel Std Dev(%)	0.2896	

AKB
Operator's Signature

AUBURNDALE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001231
03/06/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:08
Control Test	0.079	11:08
Air Blank	0.000	11:09
Control Test	0.078	11:09
Air Blank	0.000	11:10
Control Test	0.079	11:10
Air Blank	0.000	11:11
Control Test Stats		
Average	0.0787	
Std Dev	0.0006	
Rel Std Dev(%)	0.7339	

AKB
Operator's Signature

AKB



Calibration Certificate

Florida Department of Law Enforcement
Alcohol Testing Program
2729 Fort Knox Blvd.
Bldg. 2, Suite 1300
Tallahassee, FL 32308

This is to certify the calibration of Intoxilyzer 8000 serial number 80-001231, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-001231</u>	UNCERTAINTY* ±	
Owning Agency:	<u>AUBURNDALE PD</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>03/14/2018</u>	0.080 g/ 210 L	0.005
Calibration Time:	<u>14:13</u>	0.200 g/ 210 L	0.008
		0.080 g/ 210 L Dry Gas Control	0.005

All results are reported in g/ 210 L.

Bias is limited by calibration acceptance criteria. All calibration results must be within ± 0.005 or 5%, whichever is greater, of the target alcohol concentration. *Uncertainty is based on fleet-wide data and is expressed to a 99% level of confidence (k=3).

TRACEABILITY INFORMATION

This instrument was calibrated using solutions prepared by Alcohol Countermeasure Systems, Inc. (ACS). ACS prepared and certified these CRMs in accordance with ISO 17034 and ISO/ IEC 17025 Standards.

Simulator temperatures are traceable to NIST. Thermometer temperatures are checked with NIST traceable Eutechnics 4400 digital thermometers calibrated by Precision Metrology in accordance with ISO/ IEC 17025 standards.

Dry gas control measurements are traceable to NIST through the uses of CRMs supplied by an accredited CRM supplier. The supplier of dry gas standard controls prepared and certified the CRMs in accordance with ISO Guide 34 and ISO/ IEC 17025 standards.

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FDLE/ATP Form 69 March 2018
Issuing Authority: Alcohol Testing Program

03/14/2018

Date

DANIELLE M BELL,
Department Inspector

Service • Integrity • Respect • Quality

3/14/18

Optical bench calibration adjustment data #80-001231 Auburndale P.D. 3/14/18 ~~DRS~~

AUBURNDALE PD
 Intoxilyzer - Alcohol Analyzer
 Model 8000
 SN 80-001231
 03/14/2018 09:55:35

Auto Calibration
 Max Power Res Value = 28
 Auto Range Res Value = 19

<<<< CHANNEL 2 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 1.6120 (-0.0180)
 Sample #2 = 1.6200 (-0.0280)
 Sample #3 = 1.5960 (-0.0130)
 Sample #4 = 1.5860 (0.0060)
 Avg % Abs = 1.6007 (-0.0117)
 STD DEV = 0.0175 (0.0170)
 REL STD DEV = 1.092 (146.050)

Sol Value = 0.100 g/210L ***
 Fit Value = 0.4762 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12397, Sum Io = 14223
 <<<< CHANNEL 1 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 1.9370 (-0.0180)
 Sample #2 = 1.9300 (-0.0170)
 Sample #3 = 1.9300 (-0.0190)
 Sample #4 = 1.9190 (0.0160)
 Avg % Abs = 1.9263 (0.0060)
 STD DEV = 0.0064 (0.0200)
 REL STD DEV = 0.330 (332.916)

<<<< CHANNEL 2 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 3.8220 (-0.0150)
 Sample #2 = 3.7470 (0.0350)
 Sample #3 = 3.7860 (0.0280)
 Sample #4 = 3.7740 (0.0290)
 Avg % Abs = 3.7690 (0.0307)
 STD DEV = 0.0200 (0.0038)
 REL STD DEV = 0.530 (112.345)

Sol Value = 0.200 g/210L ***
 Fit Value = 0.9524 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12396, Sum Io = 14221
 <<<< CHANNEL 1 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 3.6760 (-0.0170)
 Sample #2 = 3.6640 (0.0000)
 Sample #3 = 3.6720 (0.0300)
 Sample #4 = 3.6580 (0.0350)
 Avg % Abs = 3.6647 (0.0220)
 STD DEV = 0.0070 (0.0193)
 REL STD DEV = 0.192 (67.670)

<<<< CHANNEL 2 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 7.2800 (-0.0180)
 Sample #2 = 7.2290 (0.0410)
 Sample #3 = 7.2050 (0.0790)
 Sample #4 = 7.2360 (0.0600)
 Avg % Abs = 7.2237 (0.0600)
 STD DEV = 0.0157 (0.0190)
 REL STD DEV = 0.217 (31.667)

Sol Value = 0.300 g/210L ***
 Fit Value = 1.4286 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12398, Sum Io = 14222
 <<<< CHANNEL 1 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 5.3320 (-0.0170)
 Sample #2 = 5.3770 (-0.0040)
 Sample #3 = 5.3340 (0.0210)
 Sample #4 = 5.3180 (0.0690)
 Avg % Abs = 5.3430 (0.0287)
 STD DEV = 0.0305 (0.0371)
 REL STD DEV = 0.571 (129.415)

<<<< CHANNEL 2 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 10.5090 (-0.0120)
 Sample #2 = 10.4980 (0.0170)
 Sample #3 = 10.4940 (0.0260)
 Sample #4 = 10.4030 (0.1290)
 Avg % Abs = 10.4650 (0.0573)
 STD DEV = 0.0537 (0.0622)
 REL STD DEV = 0.513 (108.537)

Sol Value = 0.200 g/210L ***
 Fit Value = 0.9524 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12396, Sum Io = 14221
 <<<< CHANNEL 1 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 3.6760 (-0.0170)
 Sample #2 = 3.6640 (0.0000)
 Sample #3 = 3.6720 (0.0300)
 Sample #4 = 3.6580 (0.0350)
 Avg % Abs = 3.6647 (0.0220)
 STD DEV = 0.0070 (0.0193)
 REL STD DEV = 0.192 (67.670)

***** AUTO CAL DATA *****
 <<<< CHANNEL 1 >>>>
 Sol Val = 0.0000 mg/l or 0.000 g/210L
 % Abs = 0.131
 Std Dev = 0.01 Rel Std Dev = 11.28
 Sol Val = 0.1905 mg/l or 0.040 g/210L
 % Abs = 0.864
 Std Dev = 0.00 Rel Std Dev = 0.41
 Sol Val = 0.4762 mg/l or 0.100 g/210L
 % Abs = 1.926
 Std Dev = 0.01 Rel Std Dev = 0.33
 Sol Val = 0.9524 mg/l or 0.200 g/210L
 % Abs = 3.665
 Std Dev = 0.01 Rel Std Dev = 0.19
 Sol Val = 1.4286 mg/l or 0.300 g/210L
 % Abs = 5.343
 Std Dev = 0.03 Rel Std Dev = 0.57
 Zero Order Coef = -345.72
 First Order Coef = 2595.62
 Second Order Coef = 26.73
 Standard Deviation = 8.343220

<<<< CHANNEL 2 >>>>
 Sol Val = 0.0000 mg/l or 0.000 g/210L
 % Abs = 0.137
 Std Dev = 0.02 Rel Std Dev = 17.34
 Sol Val = 0.1905 mg/l or 0.040 g/210L
 % Abs = 1.601
 Std Dev = 0.02 Rel Std Dev = 1.09
 Sol Val = 0.4762 mg/l or 0.100 g/210L
 % Abs = 3.769
 Std Dev = 0.02 Rel Std Dev = 0.53
 Sol Val = 0.9524 mg/l or 0.200 g/210L
 % Abs = 7.224
 Std Dev = 0.02 Rel Std Dev = 0.22
 Sol Val = 1.4286 mg/l or 0.300 g/210L
 % Abs = 10.465
 Std Dev = 0.05 Rel Std Dev = 0.51
 Zero Order Coef = -158.90
 First Order Coef = 1260.79
 Second Order Coef = 11.35
 Standard Deviation = 14.681343

<<<< CHANNEL 2 >>>>
 Sol Val = 0.0000 mg/l or 0.000 g/210L
 % Abs = 0.137
 Std Dev = 0.02 Rel Std Dev = 17.34
 Sol Val = 0.1905 mg/l or 0.040 g/210L
 % Abs = 1.601
 Std Dev = 0.02 Rel Std Dev = 1.09
 Sol Val = 0.4762 mg/l or 0.100 g/210L
 % Abs = 3.769
 Std Dev = 0.02 Rel Std Dev = 0.53
 Sol Val = 0.9524 mg/l or 0.200 g/210L
 % Abs = 7.224
 Std Dev = 0.02 Rel Std Dev = 0.22
 Sol Val = 1.4286 mg/l or 0.300 g/210L
 % Abs = 10.465
 Std Dev = 0.05 Rel Std Dev = 0.51
 Zero Order Coef = -158.90
 First Order Coef = 1260.79
 Second Order Coef = 11.35
 Standard Deviation = 14.681343

Sol Value = 0.060 g/210L ***
 Fit Value = 0.3810 mg/l %%%
 Samples Taken = 4, Discarded = 1
 ***** CHANNEL 1 *****
 Sample #1 = 2848.00
 Sample #2 = 2863.00
 Sample #3 = 2883.00
 Sample #4 = 2858.00
 Average Result = 2868.0000
 STD DEV = 13.2288
 REL STD DEV = 0.461
 ***** CHANNEL 2 *****
 Sample #1 = 3376.00
 Sample #2 = 3350.00
 Sample #3 = 3381.00
 Sample #4 = 3400.00
 Average Result = 3377.0000
 STD DEV = 25.2389
 REL STD DEV = 0.747
 ***** CHANNEL 2 *****
 Dry Gas H2O Adjust Results *****
 Barometric Pressure = 1019
 3 um H2O Adjust (mg/l*10,000) = 941
 9 um H2O Adjust (mg/l*10,000) = 432
 ***** AUTO CAL PASS *****

3/14/18
 [Signature]

Post Calibration Adjustment
 Stability Checks #80-001231 Auburndale P.D. 3/14/18 *DBS*

DBS

AUBURNDALE PD
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-001231
 03/14/2018
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:20
Control Test	0.050	11:21
Air Blank	0.000	11:21
Control Test	0.051	11:22
Air Blank	0.000	11:22
Control Test	0.050	11:23
Air Blank	0.000	11:24
Control Test Stats		
Average	0.0503	
Std Dev	0.0006	
Rel. Std Dev(%)	1.1471	

DBS
 Operator's Signature

3/14/18
JD

AUBURNDALE PD
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-001231
 03/14/2018
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:25
Control Test	0.082	11:26
Air Blank	0.000	11:27
Control Test	0.081	11:27
Air Blank	0.000	11:28
Control Test	0.082	11:29
Air Blank	0.000	11:29
Control Test Stats		
Average	0.0817	
Std Dev	0.0006	
Rel. Std Dev(%)	0.7070	

DBS
 Operator's Signature

AUBURNDALE PD
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-001231
 03/14/2018
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:30
Control Test	0.201	11:31
Air Blank	0.000	11:31
Control Test	0.201	11:32
Air Blank	0.000	11:32
Control Test	0.200	11:33
Air Blank	0.000	11:34
Control Test Stats		
Average	0.2007	
Std Dev	0.0006	
Rel. Std Dev(%)	0.2877	

DBS
 Operator's Signature

AUBURNDALE PD
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-001231
 03/14/2018
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:35
Control Test	0.080	11:36
Air Blank	0.000	11:36
Control Test	0.081	11:36
Air Blank	0.000	11:37
Control Test	0.080	11:37
Air Blank	0.000	11:38
Control Test Stats		
Average	0.0803	
Std Dev	0.0006	
Rel. Std Dev(%)	0.7187	

DBS
 Operator's Signature

DBS

Flow Calibration Adjustment Data

#80-001231

Auburndale Police Department

3/6/18

~~DB~~

AUBURNDALE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001231
03/06/2018
Software: 8100.27

Flow Rate Calibration*****

1: Rate (Liters/min) = 5

SQRT(Diff) = 6.555

2: Rate (Liters/min) = 15

SQRT(Diff) = 11.312

3: Rate (Liters/min) = 30

SQRT(Diff) = 20.711

Dependent Data Scale Factor = 100000 L/min

Independent Data Scale Factor = 256

Rounded Slope = 681

Rounded Intercept = -573683

Correlation = 0.99740

DB

3/14/18
DB

Florida Department of Law Enforcement Alcohol Testing Program

AGENCY INSPECTION REPORT - INTOXILYZER 8000

Agency: AUBURNDALE PD
Time of Inspection: 11:07

Date of Inspection: 03/06/2018

Serial Number: 80-001231
Software: 8100.27

Check or Test	YES	NO
Date and/or Time Adjusted		No
Diagnostic Check (Pre-Inspection): OK		No
Alcohol Free Subject Test: 0.000		No
Mouth Alcohol Test: Slope Not Met		No
Interferent Detect Test: Interferent Detect		No
Diagnostic Check (Post-Inspection): OK		No

Alcohol Free Test (g/210L)	0.05g/210L Test (g/210L) Lot#: _____ Exp: _____	0.08g/210L Test (g/210L) Lot#: _____ Exp: _____	0.20g/210L Test (g/210L) Lot#: _____ Exp: _____	0.08 g/210L Dry Gas Std Test (g/210L) Lot#: _____ Exp: _____

Number of Simulators Used: _____

Remarks:
BYPASSED AI TO OPERATE INSTRUMENT. NOT A COMPLIANCE CHECK.

N/A Compliance
Not Determined (S)

(S)

The above instrument complies () does not comply () with Chapter 11D-8, FAC.

I certify that I hold a valid Florida Department of Law Enforcement Agency Inspector Permit and that I performed this inspection in accordance with the provisions of Chapter 11D-8, FAC.

DANIELLE M BELL

DANIELLE M BELL

Signature and Printed Name

03/06/2018
Date

3/14/18
JE