



FORENSIC APPLICATIONS CONSULTING TECHNOLOGIES, INC.

February 10, 2014

Jane Doe
123 Main StStreet
Englewood, CO 80113

Via email: amyDoe.79@gmail.com

RE: Real estate cursory methamphetamine testing: 2345 Anyplace Ave, Englewood, CO

Hello Ms. Doe :

On Wednesday, February 12, 2014, personnel from Forensic Applications Consulting Technologies, Inc. (FACTs) visited the residence located at 2345 South Anyplace Street, Englewood, CO, for the purpose of performing a cursory assessment for methamphetamine contamination.

The Industrial Hygienist of record for the project was Mr. Caoimhín P. Connell, and the field work was performed by Mr. Glenn Hardey, Field Technician. Mr. Connell's SOQ is included with this discussion as an appendix. Mr. Hardey has extensive training in illegal drug laboratories and received a training certificate in Clandestine Drug Laboratory Assessments through the Colorado Regional Community Policing Institute (CRCPI), Colorado Division of Criminal Justice, (sponsored by the US Dept. of Justice High Intensity Drug Trafficking Area fund, and taught by Mr. Connell, lead instructor for the CRCPI). Mr. Hardey is further certified in Clandestine Drug Lab entry and processing through the US Drug Enforcement Agency, and received site specific training pursuant to 29 CFR §1910.120. Mr. Hardey, is a former Police Sergeant and SWAT Team leader who has approximately 10 years experience in drug interdiction, and drug manufacturing, and he was a co-instructor of the 2010 American Industrial Hygiene Association Clandestine Drug lab Professional Development Course for North America's top Industrial Hygienists. Mr. Hardey worked under the direct and constant supervision of Mr. Connell, and reported directly to Mr. Connell from the site. Mr. Connell personally reviewed, and selected all sample locations prior to sampling.

During the site visit, FACTs performed a visual inspection and collected samples in a manner consistent with the intent of the sample collection techniques described in Colorado Regulation 6 CCR 1014-3, and the intent of Colorado Real Estate methamphetamine disclosure and testing statute as described by CRS §38-35.7-103(2)(a). FACTs collected two standard five-part composite samples from the residence (ten locations). We submitted the samples to Reservoirs Environmental Laboratories in Denver for quantitative analysis by gas chromatography mass spectroscopy.

During our cursory assessment, the hypothesis was made that the subject property contained detectable concentrations of methamphetamine at a specified limit of detection, and data would be collected to support the hypothesis. Samples were collected pursuant

185 BOUNTY HUNTER'S LANE, BAILEY, COLORADO 80421
PHONE: 303-903-7494 www.forensic-applications.com

to authoritative judgmental bias sampling, meaning that samples were collected from those areas where, if contamination was present, the contamination would be the highest.

Our DQOs were such that we selected a total sampling area that would result in a reportable quantity limit of 0.5 µg/100cm². The value of 0.5 µg/100cm² was selected since, according to the State of Colorado Regulations, the maximum permissible concentration of methamphetamine in a discreet sample as determined during compliance sampling is 0.5 µg/100cm².

Our testing diligently attempted to support the hypothesis, and the analysis failed to produce results that support the hypothesis, and we therefore must accept the null hypothesis and conclude:

Methamphetamine is not present in the property above specified levels.

SAMPLES

The wipe sample medium was individually wrapped commercially available Johnson and Johnson™ brand gauze pads. Each gauze material was assigned a lot number for quality assurance and quality control (QA/QC) purposes and recorded on a log of results. Each pad was moistened with reagent grade methyl alcohol. Each batch of alcohol was assigned a lot number for QA/QC purposes and recorded on a log of results. Each proposed sample area was delineated with a measured outline.

Field Blanks

Our data quality objectives did not include a field blank, and none were submitted. FACTs maintains a QA/QC log regarding sampling media. The history of the FACTs sampling media has consistently demonstrated a media and solvent contamination level below the analytical detection limit for the method. For this project, FACTs reagents blank information for methyl alcohol lot #A13Ø2 is less than the method detection limit for n=10 and gauze lot #G13Ø1 is less than the method detection limit for n=10.

Field Spikes

Although not required by regulations, as part of our general QA/QC protocol, FACTs regularly submits surreptitious spikes to the analyzing laboratory. "Spiked" samples consist of randomly selecting samples that are submitted to a third party independent laboratory for the inclusion of known amounts of *d*-methamphetamine¹ into the selected sample media. The spiked samples are then surreptitiously submitted with the normal project samples. To ensure the integrity of the spikes, laboratory personnel are unaware of the presence or nature of the spikes. The spikes allow FACTs to determine the adequacy of the laboratory in recovering known amounts of methamphetamine from the samples. Sample results reported are then corrected to the spike recovery.

In this case, we used the pooled spike recovery from all previous projects which indicates a spike recovery of 95.6% recovery (n=28, σ=0.15 µg). All final results were spike-

¹ S(+)-methamphetamine, S,S(+)-pseudoephedrine, 1S,2R(+)-ephedrine

corrected. In this manner, FACTs is confident that if methamphetamine had been present above the stated reporting limit, the laboratory would have confidently identified the analyte as being present.

Sample Locations

Samples were collected from the locations identified in the following table.

Sample ID	Sample Location	Methamphetamine Results
BM021214-01A	Living room ceiling fan	Below Reportable Limit
BM021214-01B	Bathroom light fixture	
BM021214-01C	NE Bedroom closet shelf rail	
BM021214-01D	NW bedroom top of closet door frame	
BM021214-01E	Kitchen, top of cabinets	
BM021214-02A	Powder bathroom window ledge	Below Reportable Limit
BM021214-02B	Basement S bedroom, top of pipe	
BM021214-02C	Basement family room, north ext wall	
BM021214-02D	Crawlspace, galvanized steel	
BM021214-02E	Furnace interior cold return	

**Table 1
Results of Methamphetamine Samples**

CONCLUSIONS

The sample results indicate, with high confidence, that the property does not have methamphetamine contamination as defined by state regulation. Included with this letter is the laboratory report. If you have any questions, please feel free to contact us.

Kind regards,



Caoimhín P. Connell
Forensic Industrial Hygienist



Forensic Applications

Final Report

RES 282061-1

February 13, 2014

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February 13, 2014

Laboratory Code: RES
Subcontract Number: NA
Laboratory Report: RES 282061-1
Project # / P.O. #: censored
Project Description: None Given

Caoimhin Connell
Forensic Applications
185 Bounty Hunter Ln.
Bailey CO 80421

Dear Customer,

Reservoirs Environmental, Inc. is an analytical laboratory accredited for the analysis of Environmental matrices by the National Environmental Laboratory Accreditation Program, Lab Certification #E871030. The laboratory is currently proficient in the in-house ERA PAT Program.


Reservoirs has analyzed the following sample(s) using Gas Chromatography Mass Spectrometry (GC/MS) / Gas Chromatography Flame Ionization Detector (GC/FID) per your request. The analysis has been completed in general accordance with the appropriate methodology as stated in the analysis table. Results have been sent to your office.

RES 282061-1 is the job number assigned to this study. This report is considered highly confidential and the sole property of the customer. Reservoirs Environmental, Inc. will not discuss any part of this study with personnel other than those authorized by the client. The results described in this report only apply to the samples analyzed. This report shall not be reproduced except in full, without written approval from Reservoirs Environmental, Inc. Samples will be disposed of after sixty days unless longer storage is requested. If you should have any questions about this report, please feel free to call me at 303-964-1986.

Sincerely,

A handwritten signature in blue ink, appearing to read "Jeanne Orr", is written over a horizontal line.

Jeanne Spencer Orr
President

Analyst(s): 
Mike Schaumloeffel

RESERVOIRS ENVIRONMENTAL, INC.

NVLAP Accredited Laboratory #101896
AIHA Certificate of Accreditation #480 LAB ID 101533

TABLE I. ANALYSIS: METHAMPHETAMINE BY WIPE

RES Job Number: **RES 282061-1**
Client: **Forensic Applications**
Client Project Number / P.O.: **censored**
Client Project Description: **None Given**
Date Samples Received: **February 12, 2014**
Analysis Type: **Methamphetamine by GCMS**
Turnaround: **24 Hour**
Date Samples Analyzed: **February 13, 2014**

Client ID Number	Lab ID Number	Reporting Limit** (µg)	METHAMPHETAMINE CONCENTRATION (µg)
BM021214-01	EM 1117330	0.3	BRL
BM021214-02	EM 1117331	0.3	BRL

* Unless otherwise noted all quality control samples performed within specifications established by the laboratory.

** Reporting limit specified by client.

RESERVOIRS ENVIRONMENTAL, INC.

NVLAP Accredited Laboratory #101896
AIHA Certificate of Accreditation #480 LAB ID 101533

QUALITY CONTROL: METHAMPHETAMINE BY WIPE

RES Job Number: **RES 282061-1**
Client: **Forensic Applications**
Client Project Number / P.O.: **censored**
Client Project Description: **None Given**
Date Samples Received: **February 12, 2014**
Analysis Type: **Methamphetamine by GCMS**
Turnaround: **24 Hour**
Date Samples Analyzed: **February 13, 2014**

Quality Control Batch	Reporting Limit ($\mu\text{g}/100\text{cm}^2$)	Matrix Blank ($\mu\text{g}/100\text{cm}^2$)	Matrix Duplicate (% RPD)	Matrix Spike (% Recovery)	Laboratory Control Sample (% Recovery)
1	0.05	BRL	4	94	91

* Unless otherwise noted all quality control samples performed within specifications established by the laboratory.

** These analytical results meet NELAC requirements.

DATA QA _____

Due Date: 2.13.14
Due Time: 12:20



RESEVOIRS Environmental, Inc.

RES 282061

After Hours Cell Phone: 720-339-9228

INVOICE TO: (IF DIFFERENT)

CONTACT INFORMATION:

Company: **Forensic Applications, Inc.** Contact: **Caoimhin P. Connell**
 Address: 185 Bounty Hunters Lane Phone: 303-903-7494
 Bailey, CO 80421 Fax:
 Project Number and/or P.O. #: Bannock Cell/pager:
 Project Description/Location: Final Data Deliverable Email Address: **admin@forensic-applications.com**

Client sample ID number	PLM - Short report, Long report, Point Count	TEM - AHERA, Level II, 7402, ISO, +/-, Quant, Semi-quant, Micro-vac, ISO-Indirect Preps	PCM - 7400A, 7400B, OSHA	DUST - Total, Respirable	METALS - Analyte(s) RCA 8, TCLP, Welding Fume, Metals Scan	ORGANICS - METH	Salmonella +/- E.coli O157:H7 +/- Listeria +/- Aerobic Plate Count +/- or Quantification E.coli +/- or Quantification Coliforms +/- or Quantification S.aureus +/- or Quantification Mold +/-, Identification, Quantification	SPECIAL REPORTING LIMITS RUSH	VALID MATRIX CODES				LAB NOTES:	
									Sample Volume (L) / Area	Date Collected m/m/yyyy	Time Collected hh/mm, a/p	EM Number (Laboratory Use Only)		
1						X			Air = A Dust = D Soil = S Swab = SW Drinking Water = DW Waste Water = WW O = Other				117330	
2						X								
3														
4														
5														
6														
7														
8														
9														
10														

Number of samples received: 2 (Additional samples shall be listed on attached long form.)

NOTE: REI will analyze incoming samples based upon information received and will not be responsible for errors or omissions in calculations resulting from the inaccuracy of original data. By signing client/company representative agrees that submission of the following samples for requested analysis as indicated on this Chain of Custody shall constitute an analytical services agreement with payment terms of NET 30 days, failure to comply with payment terms may result in a 1.5% monthly interest surcharge.

Relinquished By: [Signature] Date/Time: 2/11/14 12:20
 Laboratory Use Only Carrier: Venue
 Received By: [Signature] Date/Time: 2.12.14 12:20
 Results: Contact Phone Email Fax Date Time Initials
 Contact Phone Email Fax Date Time Initials



**FORENSIC APPLICATIONS CONSULTING TECHNOLOGIES, INC.
CONSULTANT STATEMENT OF QUALIFICATIONS**

(as required by State Board of Health Regulations 6 CCR 1014-3 Section 8.21)

FACTs project name:	censored	Form # ML15
Date Feb. 18, 2014		

Caoimhín P. Connell, has been involved in clandestine drug lab investigations since 2002 and meets the Colorado Revised Statute §24-30-1402 definition of an "Industrial Hygienist." He has been a practicing Industrial Hygienist since 1987 and was the contract Industrial Hygienist for the National Center for Atmospheric Research for over ten years. Mr. Connell is a recognized authority in drug-lab operations and is a Certified Instructor in Meth-Lab Safety through the Colorado Regional Community Policing Institute, CRCPI (through the Colorado Division of Criminal Justice) and was the lead instructor for the CRCPI providing over 260 hours of methlab training for over 45 Colorado Law Enforcement Agencies, federal agents, probation and parole officers throughout Colorado judicial districts. He has provided meth-lab lectures to the US Air Force, the National Safety Council, and the American Industrial Hygiene Association (of which he is a member and serves on the Clandestine Drug Lab Work Group and for whom he conducted the May, 2010, Clandestine Drug Lab Course, and is a coauthor of the AIHA methlab assessment publication.)

Mr. Connell is also a member of the American Conference of Governmental Industrial Hygienists, the Occupational Hygiene Society of Ireland, the Colorado Drug Investigators Association, an appointed Full Committee Member of the National Fire Protection Association, and the ASTM International Forensic Sciences Committee, (where he was the sole sponsor of the draft ASTM E50 *Standard for the Assessment of Suspected Clandestine Drug Laboratories*).

From 2009, Mr. Connell served as the Industrial Hygiene Subject Matter Expert on the Federally funded Interagency Board (Health, Medical, and Responder Safety SubGroup), and was elected full member of the IAB-HMRS in 2011 where he now serves. He is the only private consulting Industrial Hygienist in Colorado certified by the Office of National Drug Control Policy High Intensity Drug Trafficking Area Clandestine Drug Lab Safety Program, and P.O.S.T. certified by the Colorado Department of Law.

He has received over 144 hours of highly specialized law-enforcement sensitive training in illegal drug lab operation, and under supervision of the US Drug Enforcement Agency, he has manufactured methamphetamine using a variety of street methods. He has received highly specialized drug lab assessment training through the Iowa National Guard, Midwest Counterdrug Training Center and the Florida National Guard Multijurisdictional Counterdrug Task Force, St. Petersburg College as well as through the US NHTSA, and the U.S. Bureau of Justice Assistance (US Dept. of Justice). Additionally, he received extensive training in the Colorado Revised Statutes, including Title 18, Article 18 "Uniform Controlled Substances Act of 1992" and is currently ARIDE Certified.

Mr. Connell is a current sworn law enforcement officer who has conducted clandestine laboratory investigations and performed risk, contamination, hazard and exposure assessments from both the law enforcement (criminal) perspective, and from the civil perspective in residences, apartments, motor vehicles, and condominiums. Mr. Connell has conducted over 434 assessments of illegal drug labs in Colorado, Nebraska and Oklahoma, and collected over 3, 921 samples during assessments (a detailed list of drug lab experience is available on the web at):

<http://forensic-applications.com/meth/DrugLabExperience2.pdf>

He has extensive experience performing assessments pursuant to the Colorado meth-lab regulation, 6 CCR 1014-3, (State Board of Health *Regulations Pertaining to the Cleanup of Methamphetamine Laboratories*) and was an original team member on two of the legislative working-groups which wrote the regulations for the State of Colorado. Mr. Connell was the primary contributing author of Appendix A (*Sampling Methods And Procedures*) and Attachment to Appendix A (*Sampling Methods and Procedures Sampling Theory*) of the Colorado regulations and a US NIOSH Recommended Peer Review Expert for the NIOSH 9109 Method, *Methamphetamine*. He has been admitted as a clandestine drug lab expert in Colorado, and an Industrial Hygiene Expert in Colorado in both civil and criminal courts as well as Federal Court in Pennsylvania. He has provided expert testimony in several criminal cases including Grand Jury testimony and testimony for US Bureau ATF and he testified before the Colorado Board of Health and Colorado Legislature Judicial Committee regarding methlab issues. Mr. Connell has provided services to private consumers, Indian Nations, State Investigators, and Federal Investigators with forensic services and arguments against corrupt regulators, fraudulent industrial hygienists, and unauthorized consultants performing invalid methlab assessments.

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PHONE: 303-903-7494 www.forensic-applications.com



Multijurisdictional Counterdrug Task Force Training

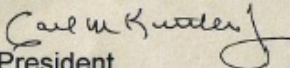


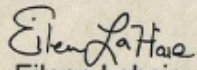
This is to certify that
Caoimhin P. Connell

Has satisfactorily completed the following 24 hour MCTFT training course held at
DIVIDE, CO

Rural Patrol

Training held 9/27/2004 through 9/29/2004


President
St. Petersburg College


Eileen Lahaie
MCTFT Director

A partnership between The Florida National Guard and St. Petersburg College

Midwest Counterdrug Training Center



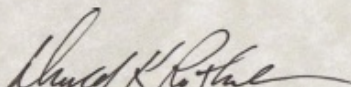
Certificate of Training

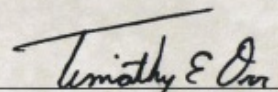
This certifies that

Caoimhin Connell

Has successfully completed the
Clandestine Laboratory Certification

Cheyenne, WY
40 Training Hours
2-6 August 2004


Network Environmental Systems, Inc.


LTC Timothy E. Orr
Commandant



Center *for* Task Force Training™

THIS IS TO CERTIFY THAT

Caoimhin P. Connell

HAS SUCCESSFULLY COMPLETED 20 HOURS OF TRAINING IN

METHAMPHETAMINE INVESTIGATION MANAGEMENT

MARCH 20-22, 2006

DENVER, COLORADO

Domingo S. Herraiz
Director, Bureau of Justice Assistance

Training coordinated by the
Institute for Intergovernmental
Research® on behalf of BJA



State and Local Anti-Terrorism Training

THIS IS TO CERTIFY THAT

Caoimhin P. Connell

HAS SUCCESSFULLY COMPLETED AN 8-HOUR
STATE AND LOCAL ANTI-TERRORISM TRAINING PROGRAM
NARCOTICS TASK FORCE ANTI-TERRORISM BRIEFING

June 1, 2006

Denver, Colorado

Domingo S. Herraiz
Director, Bureau of Justice Assistance



Training coordinated on behalf of BJA
by the Institute for Intergovernmental Research



Certificate of Training

This is to certify that
Caoimhin Connell

(Name)

Park County Sheriff's Office

(Agency)

If the bearer of this document possesses a 40 Hour certificate pursuant to 29 CFR §1910.120, this certifies the above named has met the refresher training requirements of 29 CFR §1910.120(e)(8) and is hereby **RECERTIFIED** in Clandestine Laboratory Safety / HazWoper

Sponsored by
Rocky Mountain High Intensity Drug Trafficking Area
Colorado Regional Community Policing Institute

[Signature] 4/12/10
Caoimhin P. Connell, Instructor/Date
Glean Murphy



Certificate of Completion

Caoimhin Connell

has successfully completed training in

Advanced Clan Labs: Beyond the Basics

presented by

NES, Inc.

1141 Sibley Street Folsom, CA 95630

[Signature]

Instructor - Brian Escamilla

04/28/14 04/30/14

Date

Contact Hours:24



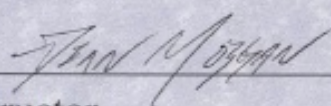
**Park County Sheriff's Office
Certificate of Completion**

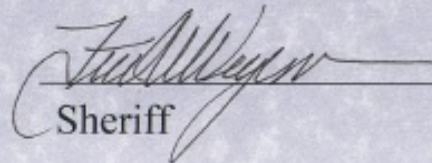
Caoimhin Connell

has completed an 8 hour course in:

Crime-scene Approach and Evidence Collection

Completed this 29th day of April, 2009


Instructor


Sheriff

Certificate of Completion

This Will Certify That

Caoimhín P. Connell

Successfully Completed

Prescription Drug Crimes

7 Hours Completed

At: CO Law Enforcement Officers Assn. On: September 30, 2010
Greeley, Colorado

P. Ritch Wagner
Instructor



Director, Law Enforcement Liaison & Education



Colorado Law Enforcement Officers' Association



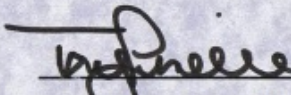
This is to certify that

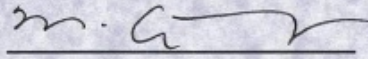
CAOIMHIN CONNELL

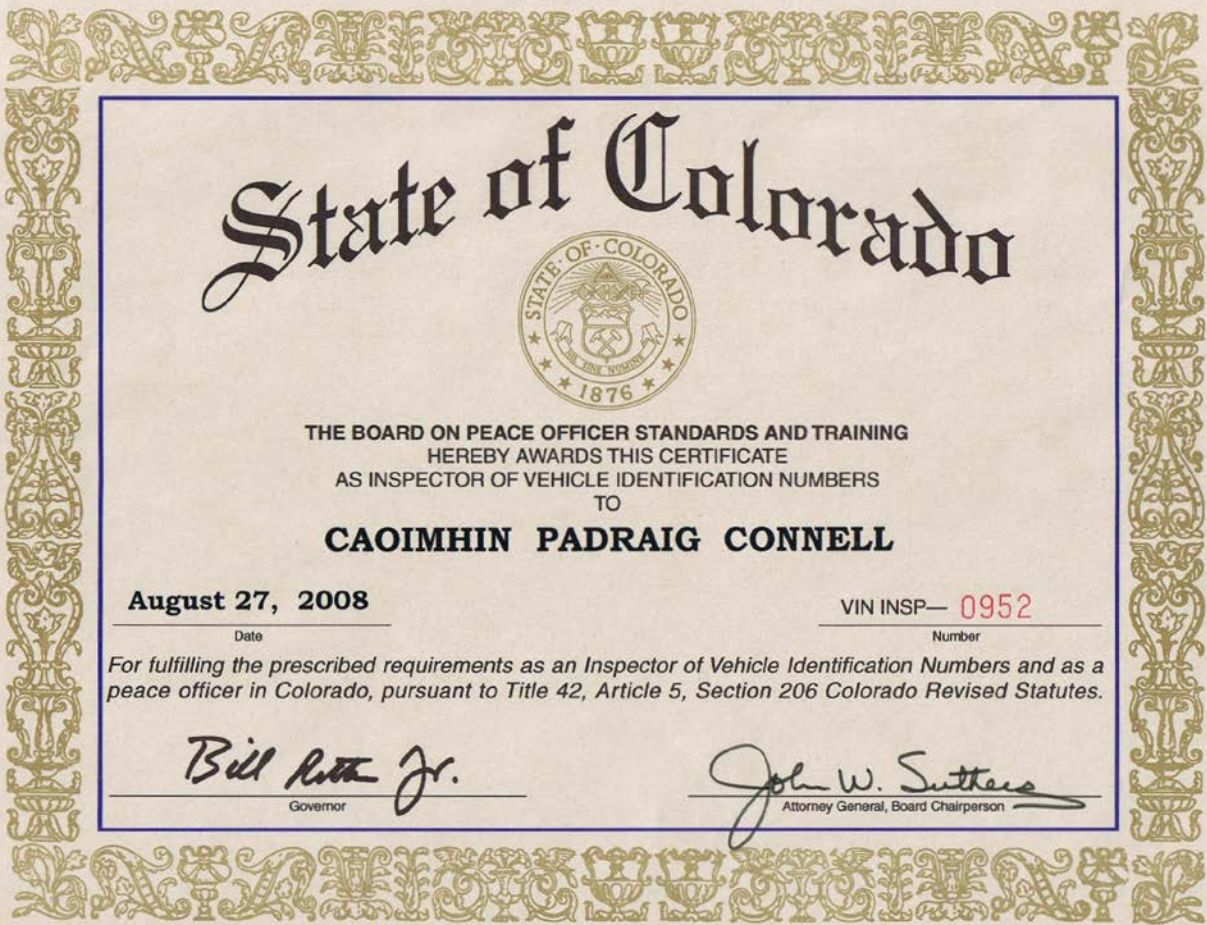
Completed ARIDE (Advanced Roadside Impaired Driving Enforcement)

hosted by Loveland Police Department

on February 28 – March 1, 2011


Tony Dinelle, CLEOA President


ARIDE Instructor



State of Colorado



THE BOARD ON PEACE OFFICER STANDARDS AND TRAINING
HEREBY AWARDS THIS CERTIFICATE
AS INSPECTOR OF VEHICLE IDENTIFICATION NUMBERS
TO

CAOIMHIN PADRAIG CONNELL

August 27, 2008

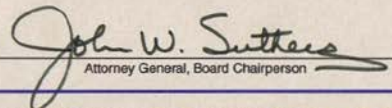
Date

VIN INSP— **0952**

Number

For fulfilling the prescribed requirements as an Inspector of Vehicle Identification Numbers and as a peace officer in Colorado, pursuant to Title 42, Article 5, Section 206 Colorado Revised Statutes.


Governor


Attorney General, Board Chairperson

State of Colorado



THE BOARD ON PEACE OFFICER STANDARDS AND TRAINING
AWARDS THIS CERTIFICATE
TO

CAOIMHIN PADRAIG CONNELL

May 6, 2004

Date

B- 10670

Number

For fulfilling the prescribed requirements for certification. This certificate expires three years from date of issuance unless the certificate holder meets the requirements for continued certification as established by law and the P.O.S.T. Board.

Bill Owen

Governor

Ken Salazar

Attorney General, Board Chairperson

Certificate of Completion Intoxilyzer 9000 Operator Certification Course

*The Evidential Breath Alcohol Testing Program of the
Colorado Department of Public Health and Environment certifies that*

Caoimhin P Connell

User ID: **841645**

*has successfully completed the "Intoxilyzer 9000 Operator Certification Course"
to determine the alcohol concentration in breath specimens pursuant to the
State Board of Health Rules Pertaining to Testing for Alcohol and Other Drugs (5 CCR, 1005-2)
Training was provided by the Evidential Breath Alcohol Testing Program
of the Colorado Department of Public Health and Environment.*

February 21, 2013

Certificate Date

Jeffrey A. Groff

Jeffrey A. Groff, Program Manager
Evidential Breath Alcohol Testing Program



David A. Butcher

David A. Butcher, Director
Laboratory Services Division
Colorado Department of Public Health
and Environment

Certification expires 180 days from certificate date. Recertification must be per 5 CCR 1005-2.



Certificate of Achievement

awarded to:

Caoimhin P. Connell

Has successfully completed Methamphetamine Lab Cleanup Management and Supervision training in accordance with 29 CFR 1910.120 and State Regulations Pertaining to the Cleanup of Methamphetamine Laboratories (8Hrs.)

June 1st, 2005

Date

Signed

HAZMAT Plans & Programs, Inc. 30 S. Havana St. Suite 304F Aurora, Colorado 80012 (303) 360-9801
"Safety Plans, Programs and Training Tailored To The Needs Of Your Business"

CERTIFICATE OF COMPLETION

COLORADO LAW ENFORCEMENT ASSOCIATIONS TRAINING PROJECT

This Certifies That

Caoimhin Connell

Has Attended the

CLEAT 40-HOUR

Train the Trainer Course

Hosted by Breckenridge Police Department
August 14-18, 2006

Karen M. Renshaw, CAE
Executive Director
Colorado Association of Chiefs of Police



John L. Kammerzell
Executive Director
Police Officer Standard & Training



Donald E. Christensen
Executive Director
County Sheriffs of Colorado





SINCE 1973

This is to certify that

Caoimlin P. Connell

*Has completed a 24 hour training program in Vehicle Identification Number
Inspection*

*Presented this **24th** day of **May, 2008***

Chris Fox

CATI President

[Signature]

VIN Inspector Training Coordinator