Laboratory Analyst's Permit

Permit Number 328

This is to certify that

Richard M. Bond

has been found qualified and competent to perform chemical analyses of a person's blood alcohol content by testing specimens of blood, urine, or other bodily substances utilizing the method of gas chromatography.

<u>Period of Licensure</u>
08/01/11 thru 07/31/12

Robert C. Halliday, Director
Arizona Department of Public Safety

ASCLD/LAB-*International*

STATEMENT OF QUALIFICATIONS

Name	Richard M. Bond	Date	04/23/12

Laboratory	Scottsdale Police Department - Forensic Services Division

Job Title	Criminalist II

Indicate all disciplines in which you do casework:

- ☐ Controlled Substances
- ☐ Firearms/Toolmarks
- ☐ Trace Evidence
- ☐ Latent Prints
- ☐ Digital Evidence
- ☒ Toxicology
- ☐ Biology
- ☐ Questioned Documents
- ☐ Crime Scene

List all sub-disciplines in which you do casework:

N/A

Education: List all higher academic institutions attended (list high school only if no college degree has been attained)

Institution	Dates Attended	Major	Degree Completed
Arcadia University	08/05 - 05/07	Forensic Science	M.S.F.S.
La Salle University	08/98 - 01/03	Environmental Science	B.A. (chemistry minor)

Other Training: List continuing education, workshops, in-service and other formal training received.

The Robert F. Borkenstein Course on Alcohol and Highway Safety: Testing, Research and Litigation, Indiana University – Bloomington, IN (2010)
The Robert F. Borkenstein Course on The Effects of Drugs on Human Performance and Behavior, Indiana University – Bloomington, IN (2011)

Courtroom Experience: List the discipline(s) in which you have qualified to testify as an expert witness and indicate over what period of time and approximately how many times you have testified in each.

Toxicology - 07/11 to present, 5 times for Blood Alcohol

Professional Affiliations: List any professional organizations of which you are or have been a member. Indicate any offices or other positions held and the date(s) of these activities.

Southwestern Association of Forensic Scientists - Regular Member since 2011

Employment History: List all scientific or technical positions held, particularly those related to forensic science. List current position first. Be sure to indicate employer and give a brief summary of principal duties and tenure in each position.

Job Title	Criminalist II	**Tenure**	1 year 8 months
Employer	Scottsdale Police Department - Forensic Services Division		
Provide a brief description of principal duties:			
As a blood alcohol analyst, I have analyzed over 1500 cases, conducted pre-trial interviews with defense attorneys, and have testified effectively for the City of Scottsdale. As a urine drug analyst, I have analzed a few batches of cases and helped with standard preparation and method validation.			

Job Title	Medical Technologist	**Tenure**	9 months
Employer	Sonora Quest Laboratories		
Provide a brief description of principal duties:			
As an extractionist, I built forensic and clinical worklists from the specimen queue and prepared the proper chain-of-custody documentation for urine drug testing. Each assay was aliquoted with a reagent blank, quality controls and specimen, which were diluted based on immunoassay results. Each day, I conducted multiple solid-phase and liquid/liquid extractions simultaneously. I navigated ChemStation software in order to analyze data and generate results. I performed the first technical review of the results and then submitted the analytical documentation for a final review.			

Job Title	Analytical Chemist	**Tenure**	1 year 5 months
Employer	BP Research Center		
Provide a brief description of principal duties:			
I was responsible for laboratory performance with an emphasis on organization and safety. My workload included a variety of sample types, preparations, and analyses. Using internal and external standards, quality control, and calibration, I identified and quantified the components of these samples using Atlas chromatography data system. I prepared reports for customers as well as submitted results in LIMS. I performed all required maintenance on 5890, 6890, and 7890 HP/Agilent gas chromatographs and conducted method development for Fast GC systems.			

Job Title	Toxicology Analyst	**Tenure**	4 years 7 months
Employer	Analytic Bio-Chemistries, Inc.		
Provide a brief description of principal duties:			
My role was to perform STAT and routine clinical testing as well as DUI and post-mortem forensic testing. This included clinical and forensic urine drug screening, therapeutic drug monitoring, and drug quantitation in forensic blood. I worked with a variety of instruments, which included the UV-Visible spectrophotometer, gas and liquid chromatographs, and immunoassay systems. I initiated and completed the revision of HPLC methods and participated in method validation. Preparing reagents, buffers, mobile phases, and standards were also part of my daily tasks.			

Job Title		**Tenure**	
Employer			
Provide a brief description of principal duties:			

Other Qualifications: List below any scientific publication and/or presentation you have authored or co-authored, research in which you are or have been involved, academic or other teaching positions you have held, and any other information which you consider relevant to your qualification as a forensic scientist.
(Use additional sheets if necessary.)

N/A