**METROPOLITAN GOVERNMENT OF NASHVILLE & DAVIDSON COUNTY**  
Department of Human Resources

*Invites Applications For The Position Of:*  
**Forensic Scientist 3 – Firearm and Tool Mark Identification Unit—Police #15158CE**

*An Equal Opportunity Employer*

**View entire posting and apply on line at:** [www.nashville.gov](http://www.nashville.gov)

**Open Competitive Job Announcement**

**SALARY**: $53,218.24 - $60,315.64 / Year

**ISSUE DATE:** 3/16/15

**FINAL FILING DATE:** The position is posted until filled.

**THE POSITION:**

The MNPD Crime Laboratory Forensic Scientist - Firearm and Tool Mark Identification Unit shall be directly accountable to the MNPD Crime Laboratory Forensic Scientist Supervisor - Firearm and Tool Mark Identification Unit for laboratory analyses and related duties.

**TYPICAL DUTIES:**

* Functions as a lead scientist or senior staff member
* Aids in the investigation of crimes by means of visual, microscopic, and chemical analysis of ammunition components and tool marks
* Generates detailed documentation of evidence, scientific testing, and formal reports
* Performs and documents examinations on firearms as to operability, functionality, and safety mechanisms and tool mark related evidence
* Performs microscopic examination of fired ammunition components to various submitted firearms
* Performs muzzle to garment distance determinations
* Performs tool mark analysis
* Performs IBIS entries, correlations, and confirmations
* Performs serial number restoration examinations
* Conducts second examiner reviews and administrative reviews performed on forensic examinations
* Follows quality control procedures and standard operating procedures of the Firearms and Tool Mark Identification Unit
* Provides expert witness testimony in court based on laboratory findings as required
* Assists unit supervisor with writing forensic procedures, quality manual, and safety and security procedures that satisfy ASCLD-LAB International laboratory standards
* Represents the unit when requested at meetings, conferences, and training seminars
* May represent Forensic Supervisor (act as Deputy) when Forensic Supervisor is unavailable
* Acts as a unit training officer as requested
* Teaches expertise at training engagements and seminars as directed by supervisor

**MINIMUM QUALIFICATIONS:**

Bachelor’s degree in a natural science, forensic science, criminalistics, criminal justice or a closely related field from an accredited university; five (5) years of forensic science experience performing forensic casework in an ASCLD-Lab Legacy or International (ISO/IEC) 17025 accredited laboratory regarding firearms and tool mark examinations; and has successfully completed the Association of Firearm and Tool Mark Examiners (AFTE) training or equivalent. A graduate degree in a natural science or forensic science can be substituted for one (1) year of the required work experience. Valid “Class D” driver’s license.

**Note: Per Metro Ordinance No. SO94-1078. All employees of the Metropolitan Government shall be residents of the State of Tennessee or become residents of the state within six (6) months of employment as a prerequisite to employment with the Metropolitan Government.**

**PREFERRED EXPERIENCE, KNOWLEDGE, SKILLS AND ABILITES:**

1. Knowledge of legal chain of custody
2. Knowledge of ASCLD/LAB - International laboratory standards
3. Knowledge of Civil Service and departmental rules, polices, and procedures
4. Knowledge of elementary principles, practices, and techniques of physics and chemistry as in applies to firearms and tool mark identification
5. Ability to collect and enter scientific data into databases, retrieve results, confirm agreement and write formal reports
6. Ability to communicate effectively, both orally and in writing
7. Ability to communicate pertinent information relative to assignments/duties
8. Ability to create comprehensive understandable reports of procedures and findings
9. Ability to enter evidence ammunition components in IBIS
10. Ability to evaluate and test fire various types of firearm in a safe manner
11. Ability to follow oral and written procedures and policies
12. Ability to formulate and present ideas in an effective manner
13. Ability to identify viable information on projectiles , cartridge cases, and other ammunition components microscopically to class and individual characteristics
14. Ability to lift up to 50 pounds
15. Ability to perceive the full range of the color spectrum
16. Ability to perform gunshot residue testing on evidence to determine muzzle to target distance
17. Ability to perform serial number restoration on various items of evidence
18. Ability to perform standard firearm and tool mark tests accurately and evaluate results
19. Ability to perform tool mark examinations
20. Ability to read and comprehend authoritative directives, laws, and ordinances
21. Ability to testify and present evidence and findings in court
22. Ability to understand microscopic comparison fundamentals pertaining to firearm and tool mark identification evidence
23. Ability to use microscopes
24. Ability to work safely with biological and chemical hazards without presenting a direct threat to self or others

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Requests for ADA accommodation should be directed to David Sinor @ 615-862-6735