

FINGERPRINT TECHNICIAN

KIND OF WORK

Tenprint Fingerprint comparison, fingerprinting, and identification practices.

NATURE AND PURPOSE

Acting under general supervision the purpose of this position is to search, compare, verify and identify all criminal fingerprint biometrics submitted to the BCA through various complex technical functions related to the forensic analysis of fingerprint impressions, and maintain accuracy of the Automated Fingerprint Identification System (AFIS) and Minnesota Criminal History.

Performs related work as required:

EXAMPLES OF WORK (A position may not include all the work examples given, nor does the list include all that may be assigned.)

Maintain fingerprint files, criminal history updates, search records (including computerized file) for fingerprint classification data, and compares with submitted fingerprints.

Classifies fingerprints for comparison against computerized master and latent files.

Perform one-to-one complex, comparative examination using ACE-V Scientific Methodology to examine unsolved crime scene latent fingerprints entering the Reverse Search (RV) queue.

Classifies and searches prints of applicants who are required by law to receive a background check.

Provide technical assistance to law enforcement, governmental agencies, and non-criminal justice agencies concerning livescan equipment and/or the result of fingerprint quality, or basic information.

Contacts law enforcement agencies or institutions to obtain additional information needed for positive identification.

Identify and interpret complex friction ridge patterns based on established rules and standards of the FBI and Scientific Working Group on Friction Ridge Analysis Study and Technology (SWGFAST)

Perform comparative examinations using the Analysis, Comparison, Evaluation and Verification (ACE-V) Scientific Methodology on all biometrics to positively identify individuals for accurate dissemination of the criminal history record.

Correspond with other agencies and exchange identification information and provide certified copies of fingerprints if requested.

Research and examine all images, verifying arrest data and demographic information, within various systems for indeterminate identifications by AFIS. Prepare and provide detailed reports on data gathered.

Maintains statistical data for the BCA's Biometric Unit.

Verify AFIS functionality in recording the assigned State Identification number to all new subjects received in the fingerprint repository.

Interpret, analyze, compare and identify fingerprint images through meticulous scientific methods.

Capture fingerprint biometrics utilizing the livescan for applicant fingerprint requests, Questioned Identify, and individual record reviews for background checks.

Prepare court testimony as an expert witness as to the validity of the biometric identification based on the ACE-V Scientific Methodology and FBI Science of Fingerprint Analysis.

KNOWLEDGE, SKILLS AND ABILITIES REQUIRED

Knowledge of:

The science of fingerprint classification systems, comparison procedures and latent comparison concepts.

Law enforcement terminology, booking practices and livescan equipment.

Methodology and purpose of the BCA's AFIS system and technology enhancement features.

BCA's criminal history system, the criminal justice process, federal and state statutes governing biometric and criminal history data.

System functions regarding information, submissions, research, record retrieval, expungements, consolidations and record maintenance functions.

Minnesota Government Data Practices Act, Minnesota Statutes Chapters 13 and 299C and the BCA Retention Schedule as they relate to criminal history data.

Ability to:

Take, classify and compare fingerprints and use other identification data as needed.

Fingerprint Technician

Class Specification

Interpret the significance of patterns and evaluate the significance of comparative examinations.

Establish and maintain effective current files in accordance with federal and state statutes and BCA policy including criteria for purging files.

Maintain the integrity and accuracy of the Minnesota fingerprint repository.

Establish and maintain effective working relationships with other identification personnel and agencies.

Est.: 12/20/50

Checked: 1/31/61

Checked: 6/24/68

Checked: 11/94

Rev.: 10/77

Rev: 1/2015

T.C.:

Former Title(s):