

PINE BLUFF POLICE DEPARTMENT POLICY & PROCEDURES MANUAL

	SUBJECT:	POLICY NUMBER 306
	LAYERED VOICE ANALYSIS 6.50	ISSUE DATE 02/19/2008
	CHAPTER: INVESTIGATIONS	EFFECTIVE DATE 02/19/2008
	ISSUED By: Chief of Police John E. Howell	TOTAL PAGES 5

I. PURPOSE:

It is the purpose of this policy to provide investigative officers and others with general knowledge of, guidance and procedures for the use of the Layered Voice Analysis 6.50.

II. POLICY:

The Layered Voice Analysis 6.50 is a valuable investigative aid when used in conjunction with, but not as a substitute for, a thorough and proper investigation. The Layered Voice Analysis 6.50 may be employed, consistent with this policy, to verify corroborate or refute statements; obtain additional investigative leads; narrow or focus criminal or civil investigations; serve to screen candidates for employment positions; and assist in internal investigations, among other authorized purposes.

III. LVA TECHNOLOGY:

LVA is a recently developed voice analysis technology utilizing numerous mathematical algorithms to detect and measure a range of emotions, cognition process and stress factors. Speech carries, in addition to linguistic content, information about the speaker's intentions and emotional state that is detectable through frequency evaluation and mathematical analysis. LVA technology uses algorithms, psychological patterns and independent equations resulting in readings of emotion, cognition, deception, truthfulness, stress, anticipation, embarrassment, fear of disclosure and various other factors.

LVA also detects levels of tension, rejection, fear, embarrassment, and attempts to outsmart or answer cynically, and even the subject's level of thinking.

LVA measures the willingness of the subject to answer in a Stop or Say (S.O.S) parameter.

Using deception patterns, LVA can get the greatest accuracy rate in detecting deception.

IV. DEFINITION:

Layered Voice Analysis 6.50 is an instrument that is specially designed to provide the certified operator with easy access to truth verification.

An On-Line interview is done in real-time with the subject. It is recommended that these be done with the person's knowledge, and a waiver be signed by the interviewee, prior to the interview taking place.

An Off-Line interview is an examination of legally recorded sound. The interviewee is not present during this analysis. The certified operator is conducting an examination of evidence much like the examination of fingerprints or DNA left at the scene of a crime.

V. PROCEDURES:

A. REQUESTING A LAYERED VOICE ANALYSIS 6.50 INTERVIEW AND ANALYSIS

1. Employees may request an L.V.A. 6.50 interview and analysis from a certified LVA 6.50 operator.
2. L.V.A. 6.50 Interviews and Analysis may be authorized when consistent with state law and agency policy. Situations in which authorization may be requested and approved include, but are not limited to the following:
 - a. A request from the office of the prosecutor as part of an agreement with the defense attorney or for other investigative purposes.
 - b. A background investigation of a candidate for a sworn, non-sworn or civilian position;
 - c. A request from an authorized criminal justice agency
 - d. An attempt to verify or reconcile statements of parents or guardians in suspicious cases of missing or abused children, as well as witnesses or other individuals when alternative investigative means have been exhausted;
 - e. In efforts to confirm or refute an allegation(s) that cannot be verified or disproved by other evidence;
 - f. In efforts to establish "probably cause" to seek a search warrant
 - g. As part of an administrative, criminal internal investigation; or
 - h. In the verification of information provided by informants in drug cases or other cases.
3. The L.V.A. 6.50 should not be used to verify a victim's allegation without sufficient grounds for suspecting that the victim has given false or misleading statements.
 - a. In sexual assault matters, the L.V.A. 6.50 certified operator will not run an interview on the sexual assault victim.

4. Requests for L.V.A. 6.50 Interviews and Analysis from another law enforcement agency pursuant to an internal investigation must be in writing and approved by the immediate supervisor of the certified L.V.A. 6.50 operator or his or her designee.
5. Submitting to an L.V.A. 6.50 On-Line interview must be a voluntary action and a signed waiver is required.
6. The L.V.A. 6.50 Off-Line analysis is an examination of legally obtained voice files. The subject is not required to be present and subsequently a waiver is not necessary. The analysis of voice files are much like tests conducted on DNA or fingerprints left at the scene of a crime.

B. PREPARING FOR THE LAYERED VOICE ANALYSIS 6.50 INTERVIEW AND ANALYSIS

1. The requesting officer is responsible for providing the certified operator with all pertinent information concerning the case and for reviewing, clarifying or elaborating on that information as the examiner may deem necessary. This shall include, but may not be limited to,
 - a. Information obtained in the investigation that supports and justifies the use of the L.V.A. 6.50;
 - b. Copies of criminal/civil reports and investigative reports;
 - c. Evidence available and withheld from the subject;
 - d. Background information on the subject to be examined, to include criminal records, civil records and possible motivation;
 - e. Any statements made by the subject, complainants and witnesses to include alibis; and
 - f. Newspaper articles, television and radio tapings, personal tapes or other general information concerning the case.
2. If the subject does not speak English, the requesting officer will make arrangements for an interpreter as determined by the certified L.V.A. 6.50 operator.
3. It is recommended officers not interrogate a subject just prior to him or her taking the L.V.A. 6.50 interview and analysis.
4. In any interview or interrogation of a subject who has consented or who may reasonably be asked to agree to take the L.V.A. 6.50 interview and analysis, it is recommended officers not pursue questions that may reveal information only the perpetrator could know. This included, but is not limited to the following:
 - a. Method of entry;
 - b. Property taken;
 - c. Weapons or type of force used to commit the crime;
 - d. Evidence left at the scene;
 - e. Clothing worn by the subject during the crime
 - f. Unusual acts of the suspect during the crime; or
 - g. Location from which property was taken.

5. Officers shall not attempt to explain procedures that will be used in the examination, but shall advise subjects that these will be explained by the certified L.V.A. 6.50 operator. Subjects may be advised of the following:
 - a. The examination is voluntary, unless otherwise provided by this policy in cases of internal affairs;
 - b. Results of the examination are not acceptable in a court of law unless all parties agree in advance; and
 - c. Results of the L.V.A. 6.50 examination, taken alone, do not provide substantiation for a criminal charge.
6. Should the subject be late for or cancel the appointment, the requesting officer shall immediately notify the certified L.V.A. 6.50 operator.
7. If possible, the requesting officer shall report with the subject and any other authorized persons such as attorneys, parents or legal guardians to the examination location and shall remain on hand until completion of the test.
8. The operator shall independently interpret the On-line and Off-line results and discuss with the requesting officer the results:
 - a. No deception indicated.
 - b. Deception indicated.
 - c. Inconclusive.
9. The certified operator shall determine if additional L.V.A. 6.50 examinations are necessary and appropriate.

C. PRE-EMPLOYMENT EXAMINATIONS.

1. The certified L.V.A. 6.50 operator shall review all relevant applicant screening reports, applicant personal history summaries and any prior L.V.A. 6.50 examination reports prepared by this agency before conducting the examination.
2. Pre-employment L.V.A. 6.50 examinations shall be scheduled by authorized members of this agency's personnel authority according to established agency policy.
3. L.V.A. 6.50 examinations shall not be used as the sole determinant of suitability for employment.
4. Candidates shall be briefed on what the L.V.A. 6.50 is and how it functions.

D. EQUIPMENT AND RECORD KEEPING

1. The certified L.V.A. 6.50 operator is responsible for the maintenance, safe-keeping and integrity of the L.V.A. 6.50 hasp, software and computer.
2. The certified L.V.A. 6.50 operator shall provide such summary activity or Statistical reports as may be directed by his or her supervisor.
3. The certified L.V.A. 6.50 operator shall maintain copies of each L.V.A. 6.50 test included reports, graphs and wave files, for a period of time consistent with open records laws.
4. The results of all pre-employment examinations including charts and graphs, reports and related examination results shall be maintained in a secure storage location, separately from any criminal or civil L.V.A. 6.50 files. Duration of storage and stipulations for release of this information shall be governed by state law or the policy of this agency.

E. EXAMINATION ROOMS.

1. Tests and interviews shall be conducted in a clean, neat environment, free of audible and visual distractions.
2. Certificated, diplomas and the like shall be displayed so as not to be in the sight of subjects during testing.
3. The certified operator will be neat and well-groomed, and will dress in a manner consistent with standards of the professional business community.
 - a. Duty uniforms, badges and other emblems of authority shall not be worn. This does not include departmental identification cards, where required.
 - b. Service weapons may be worn if required, but should not be openly displayed.

F. EQUIPMENT.

The L.V.A. 6.50 equipment used in an examination shall be a current version provided by the manufacturer.

G. PROFESSIONAL DEVELOPMENT.

Certified operators are encouraged to participate in career development opportunities and are required to participate in professionally recognized annual in-service training as well as up-date and refresher courses offered by the "V" Training Center.