



Overview of SFST Training and 12 Step Protocol

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Standardized Field Sobriety Testing (SFST) Training

- IACP/NHTSA- Approved
- The core course is 24 hours
- Two Approved Alcohol Workshops and/or
- Two Approved Dry Alcohol Workshops
 - *Sufficient time should be allowed to develop and demonstrate proficiency in the SFST's prior to commencing DRE training*





What makes a good Field Sobriety Test?



A test that exercises the same
mental and physical
capabilities that a person
needs to drive a motor
vehicle safely:

Divided Attention Tests or Psychophysical Tests



- Psycho - Mental processes and activities
- Physical - Body motion
- Psychophysical - Sharing mental & physical qualities



Original Research Objectives



- Evaluate currently used physical coordination tests to determine their relationship to intoxication and driving impairment
- Develop more sensitive tests that would provide more reliable evidence of impairment
- **STANDARDIZE** the tests and observations



Scientific Studies of SFST's

HISTORY

Overview: Development and Validation



- NHTSA research began in 1975 in California with three final reports being published:
 - California: 1977 (lab study only)
 - California: 1981 (lab/field study)
 - Maryland, Washington, DC, Virginia, North Carolina: 1983 (field study only)



Volunteers Were Subjected to Six Tests



- **One Leg Stand**
- **Finger to Nose**
- **Finger Count**
- **Walk and Turn**
- **Tracing (a paper and pencil exercise)**
- **Nystagmus (called alcohol gaze nystagmus in final report)**



Scientifically Validated SFST's

Based on these studies, 3 tests were scientifically validated:

- **Horizontal Gaze Nystagmus**
- **Walk and Turn**
- **One Leg Stand**



Horizontal Gaze Nystagmus



Involved in the eyes move toward the side. g as

Vertical Gaze Nystagmus





Three Clues of Horizontal Gaze Nystagmus

- 1. Lack of smooth pursuit.**
- 2. Distinct and sustained nystagmus at maximum deviation.**
- 3. Onset of nystagmus prior to 45 degrees.**

Horizontal Gaze Nystagmus Test



4 or more clues indicates BAC above 0.08%



Walk and Turn

- **Instruction Stage**
- **Walking Stage**





Walk and Turn Test Clues

1. Can't Balance during instructions
2. Sstarts too soon
3. Stops while walking
4. Steps Off line
5. Wrong number of steps
6. Doesn't touch Heel-to-toe
7. Uses Arms to balance
8. Improper Turn (or loses balance on turn)

Walk and Turn Test



2 or more clues indicates BAC above 0.08%



One-Leg Stand

- **Instruction Stage**
- **Balance and Counting Stage**





One-Leg Stand Test Clues

- Puts foot down
- Uses arms to balance
- Sways while balancing
- Hops



One-Leg Stand Test



2 or more clues indicates BAC above 0.08%

Questions?





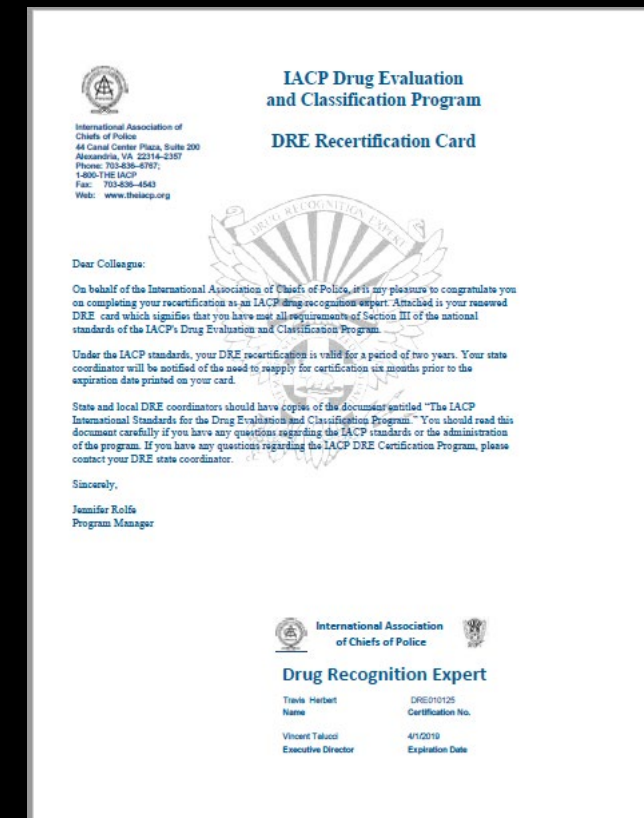
DRE SCHOOL (Phases 1 & 2)

- Phase 1 (Pre-School) 16 hours
 - Psychophysical Tests
 - Eye Exams
 - Alcohol Workshop
 - Drug Categories
 - Alcohol As A Drug
 - Demonstrate Proficiency in SFST's Prior To Attending DRE School
- Phase 2 (DRE School) 56 hours
 - 7 Drug Categories
 - Signs and Symptoms
 - Physiology
 - 12 Step Process
 - Vital Signs
 - Drug Combinations



Phase 3- Field Certification

- Within 60 to 90 days of completion of DRE School
- 12 evaluations
- At least 3 drug categories
- Supported by toxicology
- Completion of Certification Knowledge Exam
- Submit an approved Curriculum Vitae





Maintaining Certification (Every 2 Years)

- Perform minimum of 4 evaluations since the time of the last certification
 - Shall be reviewed by a DRE instructor
 - 1 of which must be performed in front of an instructor
- Complete at least 8 hours of coordinator-approved recertification training
- Present updated Curriculum Vitae and Evaluation Log



Any Questions?





Standardized DRE 12-Step Protocol

1. Breath Test
2. Interview of Arresting Officer
3. Preliminary Exam
 - 1st pulse
4. Eye Examinations
5. Psychophysical Tests
6. Vital Signs
 - 2nd Pulse
7. Dark Room Examination
 - Room light
 - Near Total Darkness
 - Direct Light
8. Muscle Tone
9. Injection Sites
 - 3rd Pulse
10. Interrogation
11. Opinion of DRE
12. Toxicological Examination



1.) Breath Test



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2.) Interview of Arresting Officer





3.) Preliminary Examination (1st Pulse)



Eye Examinations





5.) Psychophysical Tests



6.) Vital Signs (2nd Pulse)





7.) Dark Room Examination





8.) Check Muscle Tone





9.) Check for Injection Sites (3rd Pulse)



10.) Interrogation





11.) Opinion of DRE



INDICATORS CONSISTANT WITH DRUG CATEGORIES

MAJOR INDICATORS	CNS DE-PRESSANTS	CNS STIM-ULANTS	HALLUC-INOGENS	PHENCY-CLIDINE	NARCO-TICS	INHALANTS	CANNABIS
HORIZ. GAZE NYSTAGMUS	PRESENT	NONE	NONE	PRESENT	NONE	PRESENT	NONE
VERTICAL NYSTAGMUS	PRESENT (HIGH DOSE)*	NONE	NONE	PRESENT	NONE	PRESENT (HIGH DOSE)*	NONE
LACK OF CONVERGENCE	PRESENT	NONE	NONE	PRESENT	NONE	PRESENT	PRESENT
PUPIL SIZE	NORMAL (1)	DILATED	DILATED	NORMAL	CONSTRICTED	NORMAL (4)	DILATED (8)
REACTION TO LIGHT	SLOW	SLOW	NORMAL (3)	NORMAL	LITTLE OR NONE VISIBLE	SLOW	NORMAL
PULSE RATE	DOWN (2)	UP	UP	UP	DOWN	UP	UP
BLOOD PRESSURE	DOWN	UP	UP	UP	DOWN	UP/DOWN (5)	UP
BODY TEMPERATURE	NORMAL	UP	UP	UP	DOWN	UP/ DOWN/ NORMAL	NORMAL

*High dose for that particular individual





12.) Toxicological Examination



Questions?



