

**RULES AND REGULATIONS**  
**PERTAINING TO PRELIMINARY BREATH TESTING AND**  
**STANDARDS FOR THE DETERMINATION OF THE AMOUNT OF**  
**ALCOHOL AND/OR DRUGS IN A PERSON'S BLOOD BY CHEMICAL**  
**ANALYSIS OF THE BREATH, BLOOD AND/OR URINE OR OTHER**  
**BODILY SUBSTANCES**

**(R31-27-ALCH)**

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

**DEPARTMENT OF HEALTH**

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## ***INTRODUCTION***

These rules and regulations are established pursuant to the authority set forth in Chapter 31-27 of the General Laws of Rhode Island, as amended, and are established for the purpose of adopting approved preliminary breath testing instruments and procedures for testing evidential breath testing instruments, for reliable quantitative determinations and effective administrative practices to protect the safety and welfare of the public.

In accordance with the provisions of section 42-35-3(c) of the General Laws, consideration was given in arriving at the regulations as to: (1) alternative approaches; and (2) duplication or overlap with other regulations. No known alternative approach, duplication or overlap or economic impact was identified, and the regulations are adopted in the best interest of the health, safety and welfare of the public.

These rules and regulations shall supersede any previous rules and regulations pertaining to preliminary breath testing and standards for the determination of the amount of alcohol and/or drugs in a person's blood by chemical analysis of the breath, blood and/or urine or other bodily substances promulgated by the Department of Health and filed with the Secretary of State.

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## Section 1.0 *Definitions*

Wherever used in these rules and regulations, the following terms shall be construed to mean:

- 1.1 **"Act"** means Chapter 31-27 of the General Laws of Rhode Island, as amended, entitled "Motor Vehicle Offenses."
- 1.2 **"Chemical test"** means the analysis, or test(s) of a person's blood, urine, or other bodily substances or breath for the purpose of determining the chemical content of the body substance or breath using methods of general scientific acceptance in the field of chemistry pursuant to the provisions of section 31-27-2.1 of the Act, and administered in accordance with the requirements of the Act and the rules and regulations herein.
- 1.3 **"Department"** means the Department of Health, state of Rhode Island.
- 1.4 **"Director"** means the Director of the Rhode Island Department of Health.
- 1.5 **"Health care facility"** means any institutional health service provider, facility or institution, place, building, agency, or portion thereof, whether a partnership or corporation, whether public or private, whether organized for profit or not, used, operated, or engaged in providing health care services, including but not limited to hospitals; nursing facilities; home nursing care provider (which shall include skilled nursing services and may also include activities allowed as a home care provider or as a nursing service agency); home care provider (which may include services such as personal care or homemaker services); rehabilitation centers; kidney disease treatment centers; health maintenance organizations; free-standing emergency care facilities, and facilities providing surgical treatment to patients not requiring hospitalization (surgi-centers); hospice care, and physician ambulatory surgery centers and podiatry ambulatory surgery centers providing surgical treatment. The term "health care facility" also includes organized ambulatory care facilities which are not part of a hospital but which are organized and operated to provide health care services to outpatients such as central services facilities serving more than one health care facility or health care provider, treatment centers, diagnostic centers, outpatient clinics, infirmaries and health centers, school based health centers and neighborhood health centers. The term "health care facility" shall not apply to organized ambulatory care facilities owned and operated by professional service corporations as defined in chapter 5.1 of title 7, as amended (the "Professional Service Corporation Law"), or to a private practitioner's (physician, dentist, or other health care provider) office or group of the practitioners' offices (whether owned and/or operated by an individual practitioner, alone or as a member of a partnership, professional service corporation, organization, or association).
- 1.6 **"Medical technician"**, as used herein, means a person employed by a hospital, a clinical laboratory, or other health care facility, who as a result of training and experience has been authorized by the director of that facility to draw blood. No civil liability shall be incurred by an

authorized person drawing blood for the purpose of this Act, or by the agency or institution employing that person, provided that the technique employed followed accepted medical practices.

- 1.7 “***Preliminary breath tests***” means a test for a chemical analysis of the breath administered in accordance with the Act and regulatory requirements herein for the purpose of guiding the law enforcement officer in deciding whether an arrest should be made pursuant to section 31-27-2.3 of the Act.
- 1.8 “***Target value***” means the ethanol concentration that the standard solutions are designed to produce during simulation tests.

## Section 2.0 *Administration of Preliminary Breath Tests*

- 2.1 Preliminary breath tests shall consist of obtaining, by the use of approved breath testing instruments (see section 3.0 herein), breath samples of deep lung (alveolar) air. Such tests shall be administered:
- a) by individuals certified to carry out such procedure pursuant to section 4.0 herein;
  - b) in accordance with the procedures specified for each type instrument, as prescribed by the manufacturer of each instrument and in accordance with statutory provisions; and
  - c) in a sanitary manner, by utilizing separate disposable mouth pieces for each test administered.

## Section 3.0 *Approval of Preliminary Breath Testing Instruments*

- 3.1 Only those preliminary testing instruments designed for the quantitative determination of the alcohol content of the breath and that have been tested to the satisfaction of the Director and found reliable shall be given approval by the Director and included in the list of approved instruments.
- 3.2 The list of approved instruments shall be maintained by the Department and shall be available to the public. (See: [www.health.ri.gov](http://www.health.ri.gov)). Only those instruments that have been approved by the Department shall appear on the list.
- 3.3 Any approved instrument currently being utilized for breath testing purposes may continue to be utilized until such time as it needs to be replaced ( “grandfathered”). Any new testing instrument purchased for determining the alcohol content of the breath shall appear on the Department’s list of approved instruments that is in effect on the date of instrument purchase.

## Section 4.0 *Certification of Preliminary Breath Testing Operators*

- 4.1 The Director shall consider applications for certification of preliminary breath testing operators only from those individuals who present evidence of satisfactory completion of a training course for preliminary breath testing operators approved by the Director.
- 4.2 Applications for certification as a preliminary breath testing operator shall be considered from persons who:

- a) have satisfactorily completed a training course conducted by the Department determining their competency with one (1) or more types of preliminary breath testing instruments; and
  - b) hold a current certificate as evidentiary breath testing operators in accordance with the requirements of section 6.4 herein.
- 4.3 To obtain recertification, operators of preliminary breath testing instruments shall be qualified by the Department through a written examination and/or practical demonstration of competence within 365 days of the test prescribed in section 31-27-2 (5) of the Act.
- a) Operators of preliminary breath testing instruments shall be certified for 365 days.
  - b) If a preliminary breath testing operator's certification lapses, said operator shall not function as an operator of a preliminary breath testing instrument.
  - c) If re-certification as an operator of a preliminary breath testing instrument has not taken place within 730 days from the last certification expiration date, the operator shall complete a course of training for preliminary breath analysis testing as approved by the Department for this purpose.
- 4.4 Certificates issued to preliminary breath testing operators may be revoked for just cause as determined by the Director.

#### Section 5.0 *Monitoring Program*

- 5.1 All approved preliminary breath testing instruments shall be checked by the Department at intervals not exceeding **one hundred eighty (180) days** to determine the accuracy of the instruments.
- 5.2 All standard alcohol solutions used for simulation tests shall be purchased or prepared by analysts within the Forensic Sciences Section, Division of Laboratories of the Department. If purchased, the vendor shall supply a certificate of analysis for every lot of solution supplied.

#### Section 6.0 *Approval of Evidentiary Breath Testing Instruments*

- 6.1 Only those instruments that have been designed for the purpose of the quantitative determination of the alcohol content of the breath and that have been proven reliable to the satisfaction of the Department shall be given approval by the Director and included on the list of approved instruments.

- 6.2 The list of approved instruments shall be maintained by the Department and shall be available to the public. (See: [www.health.ri.gov](http://www.health.ri.gov) ). Only those instruments that have been approved by the Department shall appear on the list.
- 6.3 Any approved instrument currently being utilized for determining alcohol content of the breath may continue to be utilized until such time as it needs to be replaced (“grandfathered”). Any new testing instrument purchased for determining the alcohol content of the breath shall appear on the Department’s list of approved instruments.

### ***Certification of Operators of Breath Testing Instruments***

- 6.4 The Department shall consider applications for certification from those individuals who present evidence of satisfactory completion of a training course for breath analysis testing approved by the Department.
- 6.5 Applicants may be approved and certificates issued upon the satisfactory completion of an examination conducted by the Department. Such examination shall include written and practical demonstration of competence in one (1) or more approved methods.
- 6.6 Certificates issued to operators of breath testing instruments may be revoked for just cause as determined by the Director.

### ***Monitoring Program***

- 6.7 An authorized agent of the Department shall check the accuracy of approved breath testing instruments as prescribed by law.

The instrument shall read within +/- 0.005 or +/- 5% (whichever is greater) of the target value.

### ***Recertification***

To obtain recertification, operators of breath-testing instruments shall be qualified by the Department through a written examination and/or practical demonstration of competence within 365 days of the test prescribed in section 31-27-2(5) of the Act.

- a) Operators of breath testing instruments shall be certified for 365 days.
- b) If a breath testing operator’s certification lapses, said operator shall not function as a breath testing instrument operator.



- c) If re-certification as an operator of a breath testing instrument has not taken place within 730 days from the last certification expiration date, the operator shall complete a course of training for breath analysis testing as approved by the Department for this purpose.
- 6.9 All standard alcohol solutions used for equilibration or simulation tests shall be prepared by analysts within the Forensic Sciences Section, Division of Laboratories of the Department or purchased. If purchased, the vendor shall supply a certificate of analysis for every lot of solution supplied.

### ***Methods, Techniques and Certifications***

#### **Section 7.0 *Blood, Urine and Other Bodily Substances***

##### ***Collection of Specimens for Chemical Analysis***

###### **7.1 *Blood***

- a) The blood specimen(s) for chemical analysis shall be collected by a licensed physician, a registered nurse, or other licensed health care practitioner acting within the scope of his/her practice, or a "medical technician" as defined in section 1.6 herein.
- b) Prior to insertion of the needle preparatory to drawing blood, the superficial skin over the vein shall be cleaned with a sanitizing agent devoid of alcohol.
- c) The blood specimen(s) shall be collected in a sterile laboratory tube. It is preferable that the tube contain chemical(s) designed to prevent bacterial growth. (Such chemicals are commonly found in tubes with grey stoppers).
- d) Blood specimens collected voluntarily from an individual for the purpose of determining blood alcohol content and/or drug screening shall be turned over to the requesting law enforcement authority at the time of blood drawing.

###### **7.2 *Urine***

- a) A specimen(s) of urine for chemical analysis shall be collected in a manner to preserve the dignity of the individual and to ensure the integrity of the specimen(s). Such specimen(s) may be collected at a hospital, police station, or other location, provided that these requirements are met.
- b) Urine shall be collected in a previously sealed sterile container.

- c) Urine specimens collected voluntarily from an individual for the purpose of determining blood alcohol content and/or drug screening shall be turned over to the requesting law enforcement authority at the time of collection.

### ***Other Bodily Substances***

- 7.3 Bodily substances, other than blood or urine, shall be collected under the supervision of a licensed physician or other licensed health care practitioner acting within the scope of his/her practice.
  - a) Other bodily substances collected voluntarily from an individual shall be turned over to the requesting law enforcement authority at the time of collection.

### ***Integrity of Specimen(s)***

- 7.4 Maintaining the chain-of-custody and minimizing deterioration of the specimen(s), until delivery to the laboratory, shall be the responsibility of the law enforcement authority requesting same.
- 7.5 In order to identify the individual, the incident and the specimen, the law enforcement authority shall maintain records containing, but not limited to, the following:
  - a) name and address of person apprehended;
  - b) date of birth of person apprehended;
  - c) date and time of occurrence;
  - d) type of bodily substance(s) collected;
  - e) date and time of collection of specimen(s);
  - f) name and place of employment of person collecting the specimen(s);
  - g) name of arresting officer;
  - h) name of attending officer (if different).

7.6 In order to minimize specimen deterioration the law enforcement authority shall:

- a) avoid prolonged exposure of the specimen(s) to temperatures above 90 degrees Fahrenheit;
- b) deliver the specimen(s) to the laboratory as soon as practical;
- c) refrigerate tubes without preservative(s) until transported to the laboratory.

### ***Certification of Individuals as Laboratory Analysts***

7.7 All persons employed in the several classes of Forensic Scientist or Toxicologist within the Forensic Sciences Unit, Division of Laboratories, Department of Health, shall be certified by the Director to perform analyses of blood, urine or other bodily substance for alcohol or drugs.

7.8 All persons employed in a licensed hospital laboratory in Rhode Island are certified by the Director to perform analyses of blood, urine, or other bodily substance for alcohol or drugs, if the director of the hospital laboratory determines that the qualifications of the person(s) meet at least the minimum requirements set for forensic scientist.

### ***Methods of Laboratory Analysis***

7.9 The laboratory shall employ evidence handling procedures designed to protect the chain-of-custody of the specimen(s) and to minimize deterioration of the specimen(s).

7.10 ***Alcohol:*** the analysis of blood, urine or other bodily substance (other than breath) for alcohol shall be performed by means of gas chromatography or other technique generally recognized in the scientific community as being at least as accurate. Alcohol detected and identified during analysis shall be reported in terms of weight of alcohol (ethanol) per volume of substance analyzed (w/v).

7.11 ***Drugs (other than alcohol):*** the analysis of blood, urine or other bodily substance for drugs shall include confirmation of presumptively positive results by mass spectrometry or other technique generally recognized in the scientific community as being at least as accurate. The presence of specified drugs or their metabolites, that are detected and identified, shall be reported in terms of weight of drug or metabolite per volume of substance analyzed (w/v), or weight of drug or metabolite per weight of substance analyzed (w/w).

### ***Reports of Analysis***

7.12 Upon completion of analysis, the individual who performed the analysis or the laboratory by whom she/he is employed, shall prepare a report of the result of said analysis.

- 7.13 The report shall be submitted only to the law enforcement authority requesting the analysis.
- 7.14 A copy of all reports of analysis under this law shall be retained until the laboratory is informed by the law enforcement authority or other official agency that judicial action is complete.
- 7.15 The confidential nature of all results of analysis shall be maintained.

## Section 8.0 *Breath*

### *Methods for Sample Collection and Testing*

- 8.1 Breath samples shall consist of deep lung (alveolar) air. Samples shall be collected by operators certified by the Department utilizing breath testing instruments approved by the Department.
- 8.2 The following procedures shall apply:
- a) A complete breath test shall consist of two (2) valid breath samples.
  - b) The breath samples shall be taken after the suspect has been observed for a minimum of fifteen (15) minutes to ensure that the suspect has not ingested or inserted any substance into his/her mouth, or caused any residual mouth alcohol to occur.
  - c) The breath samples shall be collected within fifteen (15) minutes of each other and the results reported as the alcohol level based upon grams of alcohol per 210 liters of breath. To be acceptable as a valid breath test, the two (2) results shall be within + or – 0.020 g/210L and taken within fifteen (15) minutes of each other. If the results of the first and second sample are more than + or – 0.020 g/210L apart, a third sample shall be analyzed.
  - d) To be acceptable as a valid breath test, any two (2) of the three (3) results shall be within + or – 0.020 g/210L and taken within fifteen (15) minutes of each other. In the event the person tested fails to provide the required number of valid breath samples, then this event shall constitute a refusal in accordance with section 31-27-2.1 of the Rhode Island General Laws, as amended. If this process exceeds the allocated time, a second series may be implemented to satisfy the requirements of obtaining a valid breath test.
- 8.3 Each breath test shall be administered in accordance with the procedures for the particular instrument used as prescribed by the Department for that instrument.

- 8.4 When a law enforcement agency uses any approved breath analysis instrument, the accuracy of the instrument shall be tested by the internal detectors of the instrument. The result of the internal test shall be printed on the record.
- 8.5 Particular care shall be taken to ensure that a new and uncontaminated mouth piece is used for each breath test administered.

#### Section 9.0 ***Severability***

- 9.1 If any provision of the rules and regulations herein or the application thereof to any circumstances shall be held invalid such invalidity shall not affect the provisions or application of the rules and regulations which can be given effect, and to this end the provisions of the rules and regulations are declared to be severable.

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