



PSI licensure:certification

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Before scheduling  
your examination,  
be sure you understand  
the contents of this bulletin.  
Please retain and use it as a  
reference when contacting PSI.

Department of Consumer Affairs  
Bureau of Automotive Repair  
Smog Check Inspector  
&  
Smog Check Repair Technician  
Licensing Examinations



CANDIDATE INFORMATION BULLETIN

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Please refer to our website to check for the most updated information at [www.psiexams.com](http://www.psiexams.com).

## SECTION 1: INTRODUCTION

### PURPOSE

The California Department of Consumer Affairs, Bureau of Automotive Repair (BAR) developed this handbook to help you prepare for the Smog Check Inspector Licensing Examination and the Smog Check Repair Technician Licensing Examination. The purpose of each examination is to assess the basic qualifications of the applicant. We strongly recommend that you read every section of this handbook carefully, well in advance of the examination(s).

The Smog Check Inspector Licensing Examination and the Smog Check Repair Technician Licensing Examination are used only to initially obtain a license. Smog Check Inspectors and Smog Check Repair Technicians renewing a license must complete and submit a license renewal application to BAR. Additional requirements for renewal of these licenses may be required.

Licensed Smog Check Inspectors may inspect and certify vehicles included in the Smog Check Program, no smog check related diagnoses or repairs may be performed by Inspectors. Smog Check Repair Technicians may perform vehicle emission control system adjustments, diagnoses and repairs to failed vehicles included in the Smog Check Program. Smog Check inspections and repairs may only be completed by licensed Inspectors and Repair Technicians at appropriately licensed stations.

**This handbook will not give you all the knowledge that you need.** It is intended to help you determine what training and/or skills you need to pass the Inspector and/or Repair Technician examination, and provide an idea of what the actual examinations are like.

The handbook gives recommendations for studying, information on the format of the examinations, a general description of the examinations, and examples of the kinds of questions you will encounter with each examination.

## SECTION II: PREPARING FOR THE EXAMINATION

### WHERE TO BEGIN

In general, the Smog Check Inspector Licensing Examination evaluates a candidate's knowledge of Smog Check Program inspection requirements. The Smog Check Repair Technician Licensing Examination evaluates a candidate's knowledge of diagnoses and repairs. The questions in each examination are based on an Examination Plan. Review the information contained in this handbook carefully, including the examination plans, and set an appropriate schedule of study and review.

### HOW THE EXAMINATIONS ARE DEVELOPED

The examinations are developed by licensed Smog Check Technicians who work within guidelines established by DCA for the licensing of many regulated trades and professions. Every attempt is made to assure that the questions fairly and reasonably measure the competencies listed in the Examination Plans in Section IV.

First, the questions are written in a structured setting by technicians, and are edited and reviewed by several groups of technicians. This assures that the questions are job-related and written in terms used by practicing technicians. This process provides for an impartial review of the questions to verify their accuracy and technical quality.

A series of statistics are compiled on each question. These statistics assist BAR in determining if a question is a fair measure of knowledge.

Then, the passing score is determined by another group of licensed technicians, who evaluate the difficulty of each question, as it relates to entry practice. These evaluations are

analyzed, and the passing score is determined, with an acceptable level of confidence that the examination separates the qualified candidates from the non-qualified candidates. Different forms of the examination may have different passing scores.

### LICENSE CLASSIFICATIONS

All applicants for a Smog Check Inspector or a Smog Check Repair Technician license must use the most current license application form. The form is available on the Smog Check website ([www.smogcheck.ca.gov](http://www.smogcheck.ca.gov)) under the Industry tab.

Regulations establish two classifications of licenses: Inspector and Repair Technician. Detailed qualification requirements are provided on Pages 7 to 8 of this handbook.

Individuals employed to perform inspections must possess a Smog Check Inspector License. Individuals employed to perform Smog Check related repairs must possess a Smog Check Repair Technician License. Inspectors employed in a licensed station may perform inspections in all areas of the State. Repair Technicians may perform diagnoses and repairs in a licensed repair station or test and repair station in all areas of the State.

### TRADE EXPERIENCE

Significant portions of the examination(s) relate directly to actual situations. Experience you acquire performing inspections, emission control, and related diagnostic and repair work increases the likelihood that you will answer these questions correctly.

## TRAINING

Smog Check Inspector and Repair Technicians shall have the option to do hands-on work in lieu of written work in order to successfully complete the department specified training and retraining courses or may complete comparable military training as documented by submission of Verification of Military Experience and Training (V-MET) records in lieu of meeting any other training-related requirements.

## STUDY COURSES AND PUBLICATIONS

Some persons may offer examination preparation courses or publications. We have no information to indicate that applicants who use these sources have a higher pass rate than those who do not. Training courses, other than BAR specified (or citation) courses, are **not** associated with BAR. No publishers or training sponsors have legal access to BAR's examination materials. We make every effort to ensure that the contents of our examinations remain confidential and that the questions are changed frequently.

## RESOURCES

### A. INFORMATION ON PERFORMING INSPECTIONS

Review of BAR training materials is helpful. They include the current edition of the Smog Check Manual, Smog Check Reference Guide, Smog Check OBD Reference, the BAR "Write It Right" booklet, as well as current Laws and Regulations Relating to Licensed Smog Check Stations.

See the reference materials list on the following page.

### B. INFORMATION ON DIAGNOSIS AND REPAIR (TECHNICIAN APPLICANTS)

A number of commercially available publications, as well as training classes, offer detailed diagnostic and repair information (including diagrams and illustrations). They may be obtained from public and college libraries, bookstores, test equipment manufacturers, parts manufacturers, private and public schools, and vehicle manufacturers

## REFERENCE MATERIALS

Below is a list of materials that were used when the subject matter experts wrote examination questions. These materials may be of use to you when preparing to take the examination(s). BAR does not endorse the publications used as a reference for the Repair Technician examination other than to disclose that they were used in the examination development process.

### *Available from BAR*

The BAR publications listed below were used as references when writing questions for both the Smog Check Inspector and Repair Technician licensing examinations. They are available on the Bureau of Automotive Repair's Smog Check website ([www.smogcheck.ca.gov](http://www.smogcheck.ca.gov)). For Inspector candidates, BAR certified schools will also make these publications available as part of the training materials for the required Smog Check Training (Level 2). In addition to the procedural and administrative information contained in these publications, Inspector candidates must also have basic working knowledge of vehicle engine and emission control systems. To obtain this knowledge, Inspector candidates with minimal or no experience must complete the BAR specified Engine and Emission Control Training (Level 1). See page 6 for Inspector training information.

Smog Check Manual, Bureau of Automotive Repair.

Smog Check Reference Guide, Bureau of Automotive Repair.

Smog Check OBD Reference, Bureau of Automotive Repair.

Write It Right Booklet, Bureau of Automotive Repair.

Laws and Regulations Relating to Automotive Repair Dealers and Smog Check Stations, Bureau of Automotive Repair.

### ***Repair Technician Examination Reference Materials Only***

#### *Available commercially*

Listed below are materials used by licensed Smog Check Repair Technicians when writing questions for the licensing examination. These books may be found on-line, at some public libraries, some community college libraries and bookstores, or may be ordered by any bookstore. When available, a telephone number for the publisher is included.

Since each licensed Smog Check Repair Only and Test and Repair station is required to have standard diagnostic and repair manuals, BAR also uses these publications as references when developing the examination.

ATG, Advanced Drivability Diagnostic Strategies. San Diego, California; ATG, Inc. 2012  
(858)486-8525

ATG, Chrysler Engine Performance. San Diego, California; ATG, Inc. 2012  
(858)486-8525

ATG, Ford Engine Performance (1996-2011). San Diego, California; ATG, Inc. 2011  
(858)486-8525

ATG, General Motors Engine Performance. San Diego, California; ATG, Inc. 2013; (858)486-8525

ATG, Hyundai and Kia Engine Performance. San Diego, California; ATG, Inc. 2011  
(858)486-8525

Birnbaum, Ralph and Truglia, Jerry, Mode 6 and Evaporative Emission System Diagnosis. ATTS 2006

Delmar, ASE Test Preparation: Automotive Technician Certification Series, Advanced Engine Performance (L1), 5th Edition. Clifton Park, New York; Delmar 2012; (800) 354-9706  
ISBN-13: 978-1-111-12713-8  
ISBN-10: 1-111-12713-1

Delphi, A Common OBD II Failure - The Misfire Monitor. Delphi Corporation; (800)545-2220  
SV10845-11B1

Delphi, Compression. Delphi Corporation; (800)545-2220  
SV10848-11B1

Delphi, Diagnosing and Repairing Catalyst and O2 Monitor Failures. Delphi Corporation 2011; (800)545-2220  
SV11250-11B1

Delphi, Engine Management - Continuous OBD II Monitors. Delphi Corporation 2011; (800)545-2220  
SV10691-11B1

Delphi, Diagnosing OBD II Failures Related to EGR Systems. Delphi Corporation; (800)545-2220  
SV10843-11B1

Delphi, Diagnosing and Repairing Fuel Control Monitoring Failures. Delphi Corporation; (800)545-2220  
SV10858-11B1

Delphi, Diagnosing and Repairing Evaporative Monitoring Failures. Delphi Corporation; (800)545-2220  
SV10844-11B1

Delphi, OBD II Diagnostic Scan Tools. Delphi Corporation, 2008  
SV10688-11B1; (800)545-2220

Erjavec, Jack, Automotive Technology: A Systems Approach, Fourth Edition. Clifton Park, New York; Thomson Delmar Learning 2005; (800)730-2214  
ISBN# 1-4018-4831-1

Halderman, James, Advanced Engine Performance Diagnosis, -Third Edition. Upper Saddle River, New Jersey; Pearson Education, Inc. 2006  
ISBN#: 0-13-113254-7

Halderman, James, Automotive Fuel and Emissions Control Systems, First Edition. Upper Saddle River, New Jersey; Pearson Education, Inc. 2006  
ISBN#: 0-13-110442-X

Maurseth, Myron, Bryan Perrin, and Tim Flannery, Advanced Emissions and Drivability Diagnostics. San Marcos, California; C.I.A.T. 2012  
(760)471-9848

Pickerill, Ken, Shop Manual for Automotive Engine Performance. Clifton Park, New York; Thomson Delmar Learning 2006; (800)730-2214  
ISBN# 1-4180-0062-0

Schnubel, Mark, Classroom Manual for Advanced Engine Performance. Clifton Park, New York; Thomson Delmar Learning 2006; (800)730-2214  
ISBN# 1-4018-7787-7

Schnubel, Mark, Shop Manual for Advanced Engine Performance. Clifton Park, New York; Thomson Delmar Learning 2006; (800)730-2214  
ISBN# 1-4018-7787-7

## DESCRIPTION OF INSPECTOR TRAINING

**Engine and Emission Control Training (Level 1)** is only required for Inspector license candidates with minimal or no experience. See the Inspector license qualification requirements on the following page for more information. The training is a minimum of 68 hours in length and covers:

- Personal, shop, equipment, environmental, and vehicle safety practices
- Engine theory, design and operation
- Identification of engine systems, parts and components
- Emission control system theory, design and operation
- Identification of emission control systems, parts and components
- On Board Diagnostics (OBD II) systems
- Ignition timing inspection
- Exhaust gas recirculation systems

**Smog Check Training (Level 2)** is required for all Inspector candidates. See the Inspector license qualification requirements on the following page for more information. The training is a minimum of 20 hours and covers:

- Personal, shop, equipment, environmental, and vehicles safety practices
- Rules associated with customer authorization and the overall administration of the Smog Check Program
- Operation and calibration of Smog Check inspection systems
- OBD II inspections
- Tailpipe emission inspections - loaded mode and two-speed-idle
- Emission control system visual inspections
- Emission control functional inspections

## INSPECTOR LICENSE REQUIREMENTS

### THIS LICENSE REQUIRES AN EXAMINATION

The Inspector license allows an individual to inspect and certify the emission control systems on vehicles subject to the Smog Check Program at licensed Test Only or Test and Repair stations in all Smog Check program areas of California.

To qualify to take the examination, the applicant must successfully complete the BAR Smog Check Training (Level 2) within the last two years AND meet one of the following three requirements:

1. Training:

Successfully complete the BAR specified Engine and Emission Control Training (Level 1) within the last two years; OR

2. Certification:

Possess certification from the National Institute for Automotive Service Excellence (ASE) in all three of the following areas: A-6 Electrical/Electronic Systems, A-8 Engine Performance, and L-1 Advanced Engine Performance Specialist; OR

3. Education/Experience:

- Possess an Associate of Arts or Associate of Science degree or higher in Automotive Technology, from a state accredited or recognized college, public school, or trade school, AND have one year automotive repair experience in the engine performance area; OR
- Possess a certificate in automotive technology, from a state accredited or recognized college, public school, or trade school with a minimum of 720 hours of course work that includes at least 280 hours of course work in the engine performance areas, AND have one year of automotive repair experience in the engine performance area; OR
- Have a minimum of two years of automotive repair experience in the engine performance area, AND have successfully completed the BAR specified Diagnostic and Repair Training (alternative training) within the last five years.

## REPAIR TECHNICIAN LICENSE REQUIREMENTS

### THIS LICENSE REQUIRES AN EXAMINATION

The Repair Technician license allows an individual to diagnose, adjust and repair the emission control systems on vehicles subject to the Smog Check Program at licensed Repair Only or Test and Repair stations in all Smog Check program areas of California.

To qualify to take the examination, the applicant must meet either the Certification requirements OR the Education/Experience requirements:

#### Certification

The applicant must possess certification from the National Institute for Automotive Service Excellence (ASE) in all three of the following areas:

A-6 Electrical/Electronic Systems  
A-8 Engine Performance  
L-1 Advanced Engine Performance Specialist

OR

#### Education/Experience

The applicant must meet one of the following requirements:

- Possession of an Associate of Arts or Associate of Science degree or higher in Automotive Technology, from an state accredited or recognized college, public school, or trade school, AND have one year automotive repair experience in the engine performance area, OR
- Possession of a certificate in automotive technology, from a state accredited or recognized college, public school, or trade school with a minimum of 720 hours of course work that includes at least 280 hours of course work in the engine performance areas, AND have one year of automotive repair experience in the engine performance area; OR
- Have a minimum of two years of automotive repair experience in the engine performance area, AND have successfully completed the BAR specified Diagnostic and Repair Training within the last five years.

## SECTION III: APPLICATION PROCEDURES

### HOW TO APPLY

Applications must be complete and accurate, and be submitted with a \$20 application fee to BAR's Licensing Unit. Incomplete applications will be rejected, delaying the review process.

**Current policy allows two test attempts per examination before applicants are required to submit another application.**

Applicants who falsify applications or supporting documents may have their licenses denied, revoked or suspended.

The examination fee(s) will be collected separately by the examination administration contractor, PSI licensure: certification (PSI).

### SPECIAL ACCOMMODATIONS AVAILABLE

If you need special accommodations to take an examination, mark the box on the application indicating that you may need assistance during the written examination. BAR will mail you a Request for Special Accommodations form, which must be completed and returned. The appropriate licensed health care provider (or licensed counselor) must write a letter answering all the questions on the special accommodations form, confirming the disability and justifying the need for special accommodations using the criteria in the request form.

**NOTE:** English as a second language is NOT a disability, and special accommodations are not granted for this circumstance.

### CANDIDATE ELIGIBILITY

Once a candidate is determined to be eligible, BAR will notify PSI. PSI will mail an eligibility notice indicating how the candidate may register for and schedule an examination. An examination appointment date is usually available to each candidate within two weeks.

To be eligible to take an examination, the applicant must not have any outstanding BAR citations. Pending enforcement actions will not prohibit you from taking the examination, but may prevent issuance of a license.

In addition, the law requires the Department to check a list of individuals who have not paid their family support or tax obligations. A license cannot be issued or renewed for an individual who has been identified as not meeting their family support or tax obligations. However, a temporary license may be issued to permit resolution of the family support or tax obligation.

### APPLICATION AND EXAMINATION FEES

A \$20 application fee must accompany your initial licensing application. Your approved application allows two attempts to pass the examinations(s). However, if you fail the first attempt, there must be at least 14 days between examination attempts. If you fail the second attempt, you must submit another application, and \$20 application fee, to the BAR Licensing Unit. See the flowchart on Page 30 for details.

A separate \$40.50 examination fee must be paid to PSI for each examination attempt. If you cancel or don't show up without following PSI's guidelines, the examination fee(s) is forfeited. See "Rescheduling" for further details.

## SECTION IV: DESCRIPTION OF THE EXAMINATIONS

Listed below are the content areas and the associated percentage of questions for the Inspector and the Repair Technician licensing examinations.

Smog Check Inspector Examination	
Sections	Percentage of Questions
Discharging Obligations to Consumers	19%
Identifying the Vehicle to be Tested	10%
Inspecting the Vehicle to be Tested for Safety	7%
Calibrating, Maintaining, and Servicing the Analyzer/Test System	6%
Preparing for and Safely Conducting Emissions Tests	13%
Performing Functional Tests	10%
Performing Visual Inspections	35%
<b>Total: 100%</b>	

The examination for the Smog Check Inspector License has a total of 110 questions (100 scored questions and 10 unscored questions used for statistical research purposes only). A candidate's answers to these unscored questions will not affect their score, but since the candidate does not know which ones they are, the candidate should answer all questions in the examination. A candidate is allowed 2 1/2 hours to take the examination.

Smog Check Repair Technician Examination	
Sections	Percentage of Questions
Discharging Obligations to Consumers	21%
Diagnosing Test Failures	47%
Performing Repairs	32%
<b>Total: 100%</b>	

The examination for the Smog Check Repair Technician License has a total of 120 questions (100 scored questions and 20 unscored questions used for statistical research purposes only). A candidate's answers to these unscored questions will not affect their score, but since the candidate does not know which ones they are, the candidate should answer all questions in the examination. A candidate is allowed 3 hours to take the examination.

## INSPECTOR EXAMINATION PLAN

The following is the examination plan for the Inspector examination. This information was used by subject matter experts to write examination questions.

<p>I. Discharging Obligations to Consumers (19%)</p> <p>This area assesses the candidate's ability to consult with the consumer about the requirements of the Smog Check program and the requirements of consumer authorization to perform smog check inspections according to state law and regulations</p>	
<p><b>TASKS</b></p> <ul style="list-style-type: none"> <li>✓ Inform customers about the benefits of the smog check program.</li> <li>✓ Review vehicle information to determine type of smog check inspection to be performed (e.g., program area, vehicle model year).</li> <li>✓ Inform customers about pretest smog check inspection options (e.g., partial, complete).</li> <li>✓ Inform customers about possible vehicle test restrictions (e.g., directed vehicles, STAR, Referee).</li> <li>✓ Provide customers with cost estimates for performing smog check inspection.</li> <li>✓ Obtain customers' authorization to perform smog check inspection.</li> <li>✓ Provide customers with itemized invoices and VIRs.</li> <li>✓ Explain smog check results on the VIR to customers.</li> <li>✓ Obtain customers' authorization to perform allowable minor repairs on vehicles prior to/during smog check inspections.</li> <li>✓ Inform customers regarding minor repairs that are recommended to be performed on vehicles prior to/during smog check inspections.</li> <li>✓ Inform customers about laws and regulations on aftermarket parts.</li> <li>✓ Provide customers with information on how to access the BAR website to find stations authorized to diagnose and repair vehicles upon inspection failure.</li> <li>✓ Inform customers regarding available smog check assistance programs (e.g., CAP, Parts Locator, repair cost waiver).</li> <li>✓ Inform customers of Referee referral criteria (e.g., grey market vehicles, engine change, SPCNS).</li> <li>✓ Explain OBD readiness monitors to customers (e.g., complete, incomplete, enabling criteria).</li> </ul>	<p><b>ASSOCIATED KNOWLEDGE</b></p> <ul style="list-style-type: none"> <li>✓ Knowledge of laws and regulations pertaining to vehicles subject to smog check inspection.</li> <li>✓ Knowledge of methods and resources used to determine if a vehicle requires smog check inspection.</li> <li>✓ Knowledge of pretest smog check inspection options.</li> <li>✓ Knowledge of methods and procedures used to prepare cost estimates for smog check inspections.</li> <li>✓ Knowledge of information to provide on cost estimates for smog check inspections.</li> <li>✓ Knowledge of laws and regulations requiring customer authorization for smog check inspections.</li> <li>✓ Knowledge of laws and regulations pertaining to VIR and final invoice.</li> <li>✓ Knowledge of how to explain VIR results to customers.</li> <li>✓ Knowledge of laws and regulations regarding performing minor repairs on vehicles.</li> <li>✓ Knowledge of laws and regulations regarding informing customers about repair cost waivers.</li> <li>✓ Knowledge of information to provide customers regarding available smog check assistance programs (e.g., CAP, Parts Locator, repair cost waiver).</li> <li>✓ Knowledge of laws and regulations regarding Referee referrals (e.g., grey market vehicle, engine change, SPCNS).</li> <li>✓ Knowledge of documentation required for Referee referral.</li> <li>✓ Knowledge of laws and regulations requiring vehicles to be tested at STAR stations.</li> <li>✓ Knowledge of laws and regulations requiring Test Only stations to provide information to customers regarding stations that diagnose and repair vehicles upon inspection failure.</li> <li>✓ Knowledge of information to provide customers about OBD readiness monitors.</li> <li>✓ Knowledge of reasons for performing OBD drive cycles.</li> <li>✓ Knowledge of laws and regulations to inform customers about aftermarket parts.</li> <li>✓ Knowledge of laws and regulations requiring vehicle to receive smog check inspections at specific types of stations (e.g., STAR, Referee).</li> </ul>

## II. Vehicle Identification (10%)

This area assesses the candidate's ability to identify the vehicle to be tested.

TASKS	ASSOCIATED KNOWLEDGE
<ul style="list-style-type: none"><li>✓ Review vehicle emission control labels or application manuals to determine vehicle emission control requirement specifications (e.g., OBD, CAT, ignition timing).</li><li>✓ Review emission control labels to determine vehicle certification type (e.g., California, Federal, BAR label).</li><li>✓ Verify vehicle registration documents match vehicle information prior to performing smog check inspections (e.g., VIN label, license plate number).</li><li>✓ Review vehicle information to determine type of inspection system to be used (e.g., OIS, BAR-97 EIS).</li><li>✓ Assess vehicle configuration to determine tailpipe emissions test type (e.g., GVWR, AWD, non-disengagable traction control.).</li></ul>	<ul style="list-style-type: none"><li>✓ Knowledge of methods and procedures to verify accuracy of vehicles' registration documents.</li><li>✓ Knowledge of methods and procedures used to verify vehicle information prior to performing smog check inspections.</li><li>✓ Knowledge of methods and procedures used to identify vehicles that have missing or incorrect emissions control labels.</li><li>✓ Knowledge of information used to determine if vehicles do not conform to California or U.S. EPA emissions certifications (e.g., grey market).</li><li>✓ Knowledge of methods and procedures used to determine type of vehicle certification standards (e.g., California, Federal, BAR label).</li><li>✓ Knowledge of information used to determine emissions control components required.</li><li>✓ Knowledge of methods and resources to identify vehicles that meet ASM test restrictions (e.g., AWD, TCS, GVWR).</li><li>✓ Knowledge of methods and resources to identify vehicles that meet TSI test restrictions (e.g., transmission restriction).</li><li>✓ Knowledge of methods to determine type of inspection systems to be used (e.g., OIS, BAR-97 EIS).</li></ul>

## III. Safety Precautions (7%)

This area assesses the candidate's ability to identify and determine whether the vehicle presented for testing has any conditions that would render emissions testing problematic and/or unsafe.

TASKS	ASSOCIATED KNOWLEDGE
<ul style="list-style-type: none"><li>✓ Assess vehicles for unfit, incompatible, and/or unsafe conditions prior to performing smog check inspection (e.g., fluid leaks).</li><li>✓ Monitor vehicles and equipment during the smog check inspection for conditions that require an aborted smog check inspection (e.g., unsafe, unfit, incompatible).</li><li>✓ Follow safety procedures of vehicle and equipment manufacturers during inspections (e.g., hybrid safety protocols, dynamometer operation).</li><li>✓ Maintain safe inspection area by keeping work area clean and orderly.</li></ul>	<ul style="list-style-type: none"><li>✓ Knowledge of methods and procedures used to identify unsafe vehicle conditions (e.g., fluid leaks).</li><li>✓ Knowledge of methods and procedures to determine when smog check inspections need to be aborted or rejected.</li><li>✓ Knowledge of methods and procedures used to operate smog check inspection equipment (e.g., dynamometer, cooling fan, BAR-97 EIS).</li><li>✓ Knowledge of methods and procedures used to ensure inspector safety while operating equipment during smog check inspections.</li><li>✓ Knowledge of methods and procedures used to maintain customer and staff safety in inspection area.</li><li>✓ Knowledge of manufacturer recommended safety protocols (e.g., hybrid vehicles).</li></ul>

#### IV. Calibration of Test Analyzers and Devices (6%)

This area assesses the candidate's ability to interpret and respond to test prompts, maintain or troubleshoot test analyzer system malfunctions and perform required test analyzer service procedures (including dynamometer).

TASKS	ASSOCIATED KNOWLEDGE
<ul style="list-style-type: none"><li>✓ Perform calibration of emissions testing systems to ensure accurate functioning of systems during smog check inspections (e.g., BAR-97 EIS, LPFET, dynamometer).</li><li>✓ Perform visual inspection of testing system components to verify correct operation during smog check inspections (e.g., RPM pickup, filters).</li><li>✓ Perform troubleshooting procedures on the BAR-97 EIS to restore function.</li><li>✓ Perform troubleshooting procedures on the LPFET equipment to restore function.</li><li>✓ Perform troubleshooting procedures on the OIS to restore function.</li></ul>	<ul style="list-style-type: none"><li>✓ Knowledge of procedures used to calibrate LPFET equipment.</li><li>✓ Knowledge of LPFET upload procedures.</li><li>✓ Knowledge of methods and procedures used to troubleshoot LPFET equipment.</li><li>✓ Knowledge of methods and procedures used to verify function of inspection system components (e.g., RPM, probe pickup).</li><li>✓ Knowledge of procedures used to calibrate BAR-97 EIS.</li><li>✓ Knowledge of methods and procedures used to troubleshoot BAR-97 EIS sample system calibration failures.</li><li>✓ Knowledge of methods and procedures used to troubleshoot OIS (e.g., DAD).</li><li>✓ Knowledge of methods and procedures used to troubleshoot sample system leak check failures.</li><li>✓ Knowledge of methods and procedures used to replace user serviceable inspection system components (e.g., filters, sample hoses).</li><li>✓ Knowledge of methods and procedures used to verify function of fuel cap test devices.</li><li>✓ Knowledge of methods and procedures used to troubleshoot modem operations.</li><li>✓ Knowledge of methods and procedures used to verify operations of dynamometer.</li></ul>

V. Emissions Test(s) Procedures (13%)

This area assesses the candidate's ability to use correct procedures to safely test the tailpipe emissions of vehicles subject to Smog Check (includes dynamometer).

TASKS	ASSOCIATED KNOWLEDGE
<ul style="list-style-type: none"> <li>✓ Verify vehicles meet before-test-conditions as required by the Smog Check Manual (e.g., engine at normal operating temperature, tire pressure).</li> <li>✓ Attach test equipment to vehicles for inspections (e.g., RPM pickup, OBD).</li> <li>✓ Enter technician and vehicle information into inspection systems (e.g., BAR-97 EIS, OIS).</li> <li>✓ Perform pretest smog check inspections on vehicles.</li> <li>✓ Perform TSI test to obtain vehicle emission readings.</li> <li>✓ Perform ASM test to obtain vehicle emission readings.</li> <li>✓ Perform OIS test to obtain OBD vehicle emission systems data.</li> <li>✓ Evaluate vehicles' drivetrain for dynamometer compatibility (e.g., traction control, temporary load, GVWR, AWD).</li> <li>✓ Restrain vehicles onto dynamometer in preparation for ASM testing (e.g., chocks, straps).</li> <li>✓ Perform allowable minor repair(s) on vehicles if needed during inspection (e.g., fluid leaks, tighten loose hose clamp).</li> </ul>	<ul style="list-style-type: none"> <li>✓ Knowledge of methods and procedures used to determine correct type of BAR-97 EIS tests (e.g., TSI, ASM).</li> <li>✓ Knowledge of methods and procedures used to perform OIS tests.</li> <li>✓ Knowledge of methods for diagnosing OBD communication errors.</li> <li>✓ Knowledge of methods and procedures used to prepare vehicles for performing emissions tests (e.g., cooling fan, engine at normal operating temperature).</li> <li>✓ Knowledge of methods and procedures used to perform ASM tests.</li> <li>✓ Knowledge of vehicle information used to perform ASM tests (e.g., GVWR).</li> <li>✓ Knowledge of methods and procedures used to prevent vehicles from overheating during ASM testing (e.g., cooling fan).</li> <li>✓ Knowledge of methods and procedures used to perform TSI tests.</li> <li>✓ Knowledge of procedures used to enter vehicle and inspector information into inspection systems.</li> <li>✓ Knowledge of methods and procedures used to verify weight classification of vehicles.</li> <li>✓ Knowledge of devices used by inspection systems to detect engine RPM.</li> <li>✓ Knowledge of methods and procedures used to determine vehicle weight (e.g., GVWR, temporary load).</li> <li>✓ Knowledge of laws and regulations regarding vehicle weight (e.g., GVWR, temporary load).</li> <li>✓ Knowledge of devices used to sample vehicle exhaust system.</li> <li>✓ Knowledge of methods and procedures used to determine placement of vehicles on dynamometer.</li> <li>✓ Knowledge of methods and procedures used to weigh vehicles on dynamometer.</li> <li>✓ Knowledge of equipment and procedures used to restrain vehicles on dynamometer.</li> <li>✓ Knowledge of methods and procedures used to troubleshoot sample systems (e.g., HC hang up, sample dilution, low flow).</li> <li>✓ Knowledge of laws and regulations regarding inspection test area requirements (e.g., system location, vehicle location).</li> <li>✓ Knowledge of laws and regulations regarding inspection equipment and materials requirements (e.g., timing light, tire pressure gauge, publications).</li> <li>✓ Knowledge of laws and regulations for performing allowable minor repairs to vehicles.</li> </ul>

VI. Visual Inspection (35%)

This area assesses the candidate's ability to perform a comprehensive visual inspection by identifying the condition of required emission-related components.

TASKS	ASSOCIATED KNOWLEDGE
<ul style="list-style-type: none"> <li>✓ Perform visual inspection of vehicles to detect presence of liquid fuel leaks.</li> <li>✓ Perform visual inspection of fuel metering systems to assess the condition of the components (e.g., pass, tampered, defective).</li> <li>✓ Perform visual inspection of EVAP systems to assess the condition of the components (e.g., pass, tampered, defective).</li> <li>✓ Perform visual inspection of forced induction systems to assess the condition of the components (e.g., pass, tampered, defective).</li> <li>✓ Perform visual inspection of air induction systems to assess the condition of the components (e.g., pass, tampered, defective).</li> <li>✓ Perform visual inspection on diesel emission control systems to assess the condition of the components (e.g., pass, tampered, defective).</li> <li>✓ Perform visual inspection of other emission-related components to assess the condition of the components (e.g., pass, tampered, defective).</li> <li>✓ Document vehicle failure on the VIR (e.g., liquid fuel leak, smoke test).</li> <li>✓ Verify aftermarket emission parts are CARB approved (e.g., CAT, air intake).</li> <li>✓ Perform visual inspection of PCV systems to assess the condition of the components (e.g., pass, tampered, defective).</li> <li>✓ Perform visual inspection of sensors, switches, and computers to assess the condition of the components (e.g., pass, tampered, defective).</li> <li>✓ Perform visual inspection of EGR systems to assess the condition of the components (e.g., pass, tampered, defective).</li> <li>✓ Perform visual inspection of SPK systems to assess the condition of the components (e.g., pass, tampered, defective).</li> <li>✓ Perform visual inspection of CAT(s) to assess the condition of the components (e.g., pass, tampered, defective).</li> <li>✓ Perform visual inspection of AIS systems to assess the condition of the components (e.g., pass, tampered, defective).</li> <li>✓ Perform visual smoke tests.</li> <li>✓ Perform visual inspection of TAC systems to assess the condition of the components (e.g., pass, tampered, defective).</li> <li>✓ Enter visual inspection results into inspection system.</li> </ul>	<ul style="list-style-type: none"> <li>✓ Knowledge of methods and procedures used to identify and assess vehicle emission components.</li> <li>✓ Knowledge of laws and regulations regarding identification of CARB approved aftermarket emission control parts.</li> <li>✓ Knowledge of methods and procedures used to identify liquid fuel leaks in accordance with Smog Check Manual.</li> <li>✓ Knowledge of methods and procedures used to identify and assess conditions of fuel metering systems (e.g., fuel injection, carburetor).</li> <li>✓ Knowledge of procedures used to perform visible smoke tests.</li> <li>✓ Knowledge of requirements for vehicles that have additional components other than the specified equipment (e.g., auxiliary fuel tank).</li> <li>✓ Knowledge of methods and procedures used to identify and assess conditions of other vehicle emissions-related components.</li> <li>✓ Knowledge of methods and procedures used to identify and assess conditions of PCV systems (e.g., required hoses, condition of valves).</li> <li>✓ Knowledge of methods and procedures used to identify and assess conditions of SPK control systems (e.g., sensors, switches, vacuum valves).</li> <li>✓ Knowledge of methods and procedures used to identify and assess conditions of catalytic converter components (e.g., OC, TWC).</li> <li>✓ Knowledge of methods and procedures used to identify and assess conditions of diesel after-treatment systems (e.g., DEF, DPF, SCR).</li> <li>✓ Knowledge of methods and procedures used to identify and assess conditions of wires, sensors, switches and computers.</li> <li>✓ Knowledge of methods and procedures used to identify and assess conditions of EGR systems (e.g., valve, switches, sensors, hoses).</li> <li>✓ Knowledge of methods and procedures used to identify and assess conditions of EVAP systems (e.g., fuel cap, canister).</li> <li>✓ Knowledge of methods and procedures used to identify and assess conditions of AIS systems (e.g., pump, valves, hoses, switches).</li> <li>✓ Knowledge of methods and procedures used to identify and assess conditions of TAC systems (e.g., pipes, switches, valves, air cleaner).</li> <li>✓ Knowledge of methods and procedures used to identify and assess conditions of forced air induction components (e.g., supercharger, turbocharger).</li> <li>✓ Knowledge of methods and procedures used to identify and assess conditions of diesel emission control components.</li> </ul>

VII. Functional Test(s) (10%)

This area assesses the candidate's ability to use correct procedures for testing the functional operation of emissions-related components.

TASKS	ASSOCIATED KNOWLEDGE
<ul style="list-style-type: none"><li>✓ Perform functional tests of EGR systems following vehicle manufacturer procedures.</li><li>✓ Perform functional tests of ignition timing following vehicle manufacturer procedures.</li><li>✓ Perform functional tests of vehicles' MIL as required by the Smog Check Manual.</li><li>✓ Perform LPFET tests on vehicles as required by the Smog Check Manual.</li><li>✓ Perform fuel cap functional tests as required by the Smog Check Manual.</li><li>✓ Perform OBD functional tests as prompted by the inspection system.</li></ul>	<ul style="list-style-type: none"><li>✓ Knowledge of methods and procedures to verify function of EGR systems.</li><li>✓ Knowledge of vehicles that require an EGR functional test.</li><li>✓ Knowledge of vehicles that require an ignition timing functional test.</li><li>✓ Knowledge of vehicle ignition timing parameters per the Smog Check Manual.</li><li>✓ Knowledge of vehicles that require a LPFET test.</li><li>✓ Knowledge of methods and procedures to perform a LPFET test.</li><li>✓ Knowledge of methods and procedures to perform an ignition timing test.</li><li>✓ Knowledge of vehicles that require a fuel cap functional test.</li><li>✓ Knowledge of methods and procedures to perform a fuel cap functional test.</li><li>✓ Knowledge of procedures for performing an OBD functional test.</li><li>✓ Knowledge of vehicles that require an OBD functional test.</li><li>✓ Knowledge of methods and procedures to verify function of MIL.</li><li>✓ Knowledge of vehicles that require an MIL functional test.</li></ul>

## REPAIR TECHNICIAN EXAMINATION PLAN

The following is the examination plan for the Repair Technician examination. This information was used by subject matter experts to write examination questions.

### I. Discharging Obligations Consumers (21%)

This area assesses the candidate's ability to consult with the consumer about reasons for performing diagnostic testing and the authorization to perform smog system repairs.

#### TASKS

- ✓ Provide consumer with a vehicle repair cost estimate documenting recommended vehicle repairs following diagnostic testing procedures.
- ✓ Obtain consumer authorization to conduct diagnostic testing of vehicle when vehicle fails smog check inspection.
- ✓ Consult with consumer regarding diagnostic testing if vehicle fails smog check inspection.
- ✓ Obtain consumer authorization to perform repairs on vehicle as determined by diagnostic testing.
- ✓ Consult with consumer to determine if vehicle repairs may be covered under warranty prior to performing repairs.
- ✓ Consult with consumer regarding a retest following repairs made to vehicle.

#### ASSOCIATED KNOWLEDGE

- ✓ Knowledge of laws and regulations regarding performing repairs on vehicles.
- ✓ Knowledge of laws and regulations requiring consumer authorization before performing repairs on vehicles.
- ✓ Knowledge of laws and regulations regarding providing consumers with vehicle repair cost estimates.
- ✓ Knowledge of laws and regulations about performing diagnostic testing on vehicles.
- ✓ Knowledge of laws and regulations requiring consumer authorization for performing diagnostic testing on vehicles.
- ✓ Knowledge of reasons for performing diagnostic testing on vehicles.
- ✓ Knowledge of reasons for conducting retest following repairs.
- ✓ Knowledge of reasons for performing repairs on vehicles.
- ✓ Knowledge of information provided in vehicle repair cost estimates.
- ✓ Knowledge of how to develop repair cost estimates for a vehicle.
- ✓ Knowledge of how to determine if vehicle repairs are covered under warranty.
- ✓ Knowledge of how to recommend vehicle repairs to consumers.
- ✓ Knowledge of how to obtain information from consumer regarding warranty of vehicle.
- ✓ Knowledge of information to provide consumers about components of a vehicle that may need repair in the future.
- ✓ Knowledge of information to provide consumers about retesting a vehicle following repairs.

## II. Diagnosis (47%)

This area assesses the candidate's ability to perform diagnostic testing procedures to determine the cause of a vehicle's smog check inspection failure.

TASKS	ASSOCIATED KNOWLEDGE
<ul style="list-style-type: none"><li>✓ Evaluate emissions results (e.g., excessive HC, excessive CO, excessive NOx) to identify vehicle system(s) that need diagnostic testing.</li><li>✓ Evaluate OBD II results to identify vehicle system(s) that need diagnostic testing.</li><li>✓ Evaluate vehicle to determine if failure was due to a defective condition or tampering.</li><li>✓ Perform diagnostic testing on vehicle system(s) that indicate failure during smog check inspection to identify areas of repair.</li><li>✓ Evaluate diagnostic readings to determine if a system failure in a vehicle may be causing other systems to fail.</li><li>✓ Evaluate vehicle inspection report (VIR) to identify areas that indicate vehicle failure.</li><li>✓ Inspect the vehicle to verify the failure identified on the vehicle inspection report (VIR) prior to performing diagnostic testing.</li></ul>	<ul style="list-style-type: none"><li>✓ Knowledge of how to interpret diagnostic readings.</li><li>✓ Knowledge of how to perform onboard diagnostic testing.</li><li>✓ Knowledge of how to interpret vehicle inspection report (VIR) results.</li><li>✓ Knowledge of interpreting diagnostic testing results indicating vehicle system failures impacting other systems.</li><li>✓ Knowledge of how to diagnose catalytic converter systems.</li><li>✓ Knowledge of equipment used to perform diagnostic testing procedures.</li><li>✓ Knowledge of how to verify the condition of engine mechanical systems.</li><li>✓ Knowledge of relationships between vehicle systems.</li><li>✓ Knowledge of components of vehicle systems that may have been tampered with.</li><li>✓ Knowledge of components of vehicle systems that may have been damaged.</li><li>✓ Knowledge of mechanical components that need repair or replacement.</li><li>✓ Knowledge of hydrocarbon (HC) emission levels.</li><li>✓ Knowledge of carbon monoxide (CO) emission levels.</li><li>✓ Knowledge of oxides of nitrogen (NOx) emission levels.</li><li>✓ Knowledge of how to diagnose fuel induction system.</li><li>✓ Knowledge of how to diagnose exhaust gas recirculation (EGR) system.</li><li>✓ Knowledge of references used when performing diagnostic testing on a vehicle.</li><li>✓ Knowledge of how to diagnose sensors, switches, and computers.</li><li>✓ Knowledge of oxygen (O2) emission levels.</li><li>✓ Knowledge of carbon dioxide (CO2) emission levels.</li><li>✓ Knowledge of how to diagnose evaporative (EVAP) system.</li><li>✓ Knowledge of information indicated on vehicle inspection report (VIR).</li><li>✓ Knowledge of how to verify condition of vehicle catalytic converter system.</li><li>✓ Knowledge of how to verify condition of vehicle fuel induction system.</li><li>✓ Knowledge of emissions that are considered hazardous.</li></ul>

II. Diagnosis Continued... (47%)

This area assesses the candidate's ability to perform diagnostic testing procedures to determine the cause of a vehicle's smog check inspection failure.

- ✓ Knowledge of how to diagnose ignition spark control system(s).
- ✓ Knowledge of references used to verify vehicle systems condition.
- ✓ Knowledge of how to verify condition of vehicle exhaust gas recirculation (EGR) system.
- ✓ Knowledge of how to diagnose other related emissions components.
- ✓ Knowledge of references used when evaluating vehicle inspection report (VIR).
- ✓ Knowledge of how to diagnose positive crankcase ventilation (PCV) system.
- ✓ Knowledge of how to verify condition of vehicle sensors, switches, and computers.
- ✓ Knowledge of how to verify condition of vehicle evaporative (EVAP) system.
- ✓ Knowledge of how to verify condition of other related emissions components.
- ✓ Knowledge of how to diagnose air injection (AIS) system.
- ✓ Knowledge of how to diagnose thermostatic air cleaner (TAC) system.
- ✓ Knowledge of how to verify condition of vehicle ignition spark control system(s).
- ✓ Knowledge of how to verify condition of vehicle air injection (AIS) system.
- ✓ Knowledge of how to verify condition of vehicle thermostatic air cleaner (TAC) system.
- ✓ Knowledge of how to interpret vehicle inspection report (VIR) regarding onboard diagnostic (OBD) systems.
- ✓ Knowledge of how to verify condition of vehicle positive crankcase ventilation (PCV) system.
- ✓ Knowledge of how to inspect the vehicle to verify the failure identified on the VIR prior to performing diagnostic testing.

### III. Performing and Verifying Repairs (32%)

This area assesses the candidate's ability to perform repairs on emissions-related components and verify the effectiveness of the repairs.

TASKS	ASSOCIATED KNOWLEDGE
<ul style="list-style-type: none"><li>✓ Evaluate diagnostic testing results to determine if components of vehicle system(s) need to be cleaned, repaired, or replaced.</li><li>✓ Replace components of vehicle system(s) as indicated by vehicle diagnosis.</li><li>✓ Repair components of vehicle system(s) as indicated by vehicle diagnosis.</li><li>✓ Clean out components of vehicle system(s) as indicated by vehicle diagnosis.</li><li>✓ Perform tests to determine if vehicle repairs are successful.</li></ul>	<ul style="list-style-type: none"><li>✓ Knowledge of catalytic converter system components that need replacement.</li><li>✓ Knowledge of how to verify vehicle systems repairs.</li><li>✓ Knowledge of sensor, switch, and computer components that need replacement.</li><li>✓ Knowledge of vehicle system components that need repair.</li><li>✓ Knowledge of evaporative (EVAP) system components that need repair.</li><li>✓ Knowledge of components of exhaust gas recirculation (EGR) system that need repair.</li><li>✓ Knowledge of sensor, switch, and computer components that need repair.</li><li>✓ Knowledge of ignition spark control system components that need replacement.</li><li>✓ Knowledge of ignition spark control system components that need repair.</li><li>✓ Knowledge of exhaust gas recirculation (EGR) system components that need replacement.</li><li>✓ Knowledge of how to determine type of vehicle repair to be performed.</li><li>✓ Knowledge of how to repair vehicle system(s).</li><li>✓ Knowledge of air injection (AIS) system components that need repair.</li><li>✓ Knowledge of catalytic converter system components that need repair.</li><li>✓ Knowledge of how to determine if components of vehicle need to be cleaned, repaired, or replaced.</li><li>✓ Knowledge of other related vehicle components that need repair.</li><li>✓ Knowledge of vehicle system components that need replacement.</li><li>✓ Knowledge of fuel induction system components that need repair.</li><li>✓ Knowledge of fuel induction system components that need replacement.</li><li>✓ Knowledge of thermostatic air cleaner (TAC) system components that need repair.</li><li>✓ Knowledge of air injection (AIS) system component needs replacement.</li><li>✓ Knowledge of references used to assist technician in performing repairs to a vehicle.</li><li>✓ Knowledge of evaporative (EVAP) system components that need replacement.</li><li>✓ Knowledge of how to differentiate between minor and major vehicle repairs.</li></ul>

III. Performing and Verifying Repairs Continued... (32%)

This area assesses the candidate's ability to perform repairs on emissions-related components and verify the effectiveness of the repairs.

- ✓ Knowledge of positive crankcase ventilation (PCV) system components that need repair.
- ✓ Knowledge of procedures and equipment used to clean out components of vehicle system(s).
- ✓ Knowledge of other related vehicle components that need replacement.
- ✓ Knowledge of positive crankcase ventilation (PCV) system components that need replacement.
- ✓ Knowledge of how to replace components of vehicle systems.
- ✓ Knowledge of equipment used to repair vehicle system(s).
- ✓ Knowledge of thermostatic air cleaner (TAC) system components that need replacement.
- ✓ Knowledge of equipment used to replace vehicle system(s).
- ✓ Knowledge of how to perform tests to determine repairs are successful.

## SECTION V: THE EXAMINATION REGISTRATION PROCESS

### EXAMINATION REGISTRATION PAYMENT AND SCHEDULING PROCEDURES

Once you have been approved by BAR, you are responsible for contacting PSI to register, pay, and schedule an appointment to take the examination. You may do so via the Internet at [www.psiexams.com](http://www.psiexams.com), or schedule over the telephone at (877) 392-6422.

Current policy allows two test attempts per examination before candidates are required to submit another application to the BAR Licensing Unit. You must wait 14 days between the two test attempts.

#### EXAMINATION FEE

Examination Fee	\$40.50
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NOTE: EXAMINATION FEES ARE NOT REFUNDABLE OR TRANSFERABLE. The fee is for each examination, whether you are taking the examination for the first time or repeating.

In most California testing centers, testing does not take place on the following major holidays:

Thanksgiving	Closed November 24-27, 2016
Christmas	Closed December 25, 2016
New Years	Closed January 1, 2017
Martin Luther King Jr.	Closed January 16, 2017
Memorial Day	Closed May 27-29, 2017
Independence Day	Closed July 4, 2017
Labor Day	Closed September 2-4, 2017

#### INTERNET SCHEDULING

You may schedule for your test by completing the online Test Registration Form. The Test Registration Form is available at PSI's website, [www.psiexams.com](http://www.psiexams.com). You may schedule for a test via the Internet 24 hours a day.

1. Complete the registration form online and submit your information to PSI via the Internet.
2. Upon completion of the online registration form, you will be given the available dates for scheduling your test.
3. You will need to choose a date to complete your registration.
4. Upon successful registration, you will receive a traceable confirmation number.

#### TELEPHONE REGISTRATION AND SCHEDULING

The second fastest method of scheduling is via the telephone with PSI's Interactive Voice Response system (IVR) during non-business hours, or through live registrars during business hours.

For telephone registration, you will need a valid credit card (VISA, MasterCard, American Express or Discover).

Complete the Examination Registration Form, including your credit card number and expiration date, so that you will be prepared with all of the information needed to register by telephone.

Call (877) 392-6422, 24 hours a day and register using the Automated Registration System. Otherwise, PSI registrars are available Monday through Friday between 4:30 am and 7:00 pm, and Saturday-Sunday between 6:00 am and 2:30 pm, Pacific Time, to receive the information listed on your Examination Registration Form and to schedule your appointment for the examination.

#### FAX REGISTRATION AND SCHEDULING

For Fax registration, you will need a valid credit card (VISA, MasterCard, American Express or Discover).

Complete the Examination Registration Form, including your credit card number and expiration date.

Fax the completed form to PSI (702) 932-2666. Fax registrations are accepted 24 hours a day.

If your information is incomplete or incorrect, it will be returned for correction.

Please allow 4 business days to process your Registration. After 4 business days, you may schedule your examination using a touch-tone phone, by calling PSI 24 hours a day at (877) 392-6422. Otherwise, PSI registrars are available Monday through Friday between 4:30 am and 7:00 pm, and Saturday-Sunday between 6:00 am and 2:30 pm, Pacific Time. You may also schedule online by accessing PSI's registration website at [www.psiexams.com](http://www.psiexams.com).

#### STANDARD MAIL REGISTRATION AND SCHEDULING

A PSI Examination Registration Form is provided at the end of this bulletin for candidates who wish to register and pay by mail. Payment of fees may be made by credit card, money order, company check or cashier's check. Money orders or checks should be made payable to PSI. Print your ID number on your cashier's check or money order to ensure that your fees are properly assigned. **CASH AND PERSONAL CHECKS ARE NOT ACCEPTED.**

Mail the completed form and payment to:

PSI licensure:certification  
ATTN: Examination Registration CA BAR  
3210 E Tropicana  
Las Vegas, NV 89121  
(877) 392-6422 • Fax (702) 932-2666

Please allow 2 weeks to process your Registration. After 2 weeks you may schedule your examination using a touch-tone phone, by calling PSI 24 hours a day at (877) 392-6422. To schedule with a PSI registrar, call Monday through Friday between 4:30 am and 7:00 pm, and Saturday-Sunday between

6:00 am and 2:30 pm, Pacific Time. You may also schedule online by accessing PSI's registration website at [www.psiexams.com](http://www.psiexams.com).

### CANCELING AN EXAMINATION APPOINTMENT

You may cancel and reschedule an examination appointment without forfeiting your fee *if your cancellation notice is received forty-eight (48) hours prior to the scheduled examination date*. For example, for a 9:00 a.m. Monday appointment, the cancellation notice would need to be received before 9:00 a.m. on the previous Saturday. You may call PSI at (877) 392-6422. Please note that you may also use the automated system, using a touch-tone phone, 24 hours a day in order to cancel and reschedule your appointment.

**Note:** A voice mail message is not an acceptable form of cancellation. Please use the PSI Website, automated telephone system, or call PSI and speak to a Customer Service Representative.

### MISSED APPOINTMENT OR LATE CANCELLATION

If you miss your appointment, you will not be able to take the examination as scheduled, further you will forfeit your examination fee, if:

- You do not cancel your appointment 48 hours before the scheduled examination date;
- You do not appear for your examination appointment;
- You arrive after examination start time;
- You do not present proper identification when you arrive for the examination.

### EXAMINATION SITE CLOSING FOR AN EMERGENCY

In the event that severe weather or another emergency forces the closure of an examination site on a scheduled examination date, your examination will be rescheduled. PSI personnel will attempt to contact you in this situation. However, you may check the status of your examination schedule by calling (877) 392-6422. Every effort will be made to reschedule your examination at a convenient time as soon as possible. You will not be penalized. You will be rescheduled at no additional charge.

## **EXAMINATION SITE LOCATIONS**

The California examinations are administered at the PSI examination centers in California as listed below:

#### **ANAHEIM**

Park Gate Center  
2301 W. LINCOLN AVE, SUITE 252  
ANAHEIM, CA 92801  
(714) 254-1453

*DIRECTIONS FROM LA: TAKE 5 SOUTH EXIT BROOKHURST AND TURN RIGHT. TURN RIGHT ON LINCOLN (PASS A SMALL STREET NAMED MONTEREY), AND GO TO THE FIRST OPEN DRIVEWAY ON THE RIGHT.*

*(ORANGE COUNTY) DIRECTIONS FROM SAN DIEGO, IRVINE, MISSION VIEJO, ETC: TAKE 5N EXIT BROOKHURST AND TURN LEFT. TURN RIGHT ONTO LINCOLN (PASS A SMALL STREET NAMED MONTEREY) AND GO TO THE FIRST OPEN DRIVEWAY ON THE RIGHT.*

*IF BROOKHURST EXIT IS CLOSED: TAKE 5 N EXIT EUCLID AND TURN LEFT. TURN RIGHT ON LINCOLN (PASS BROOKHURST AND SMALL STREET NAMED MONTEREY) AND GO TO THE FIRST OPEN DRIVEWAY ON THE RIGHT.*

*\*\*\*\*KEEP IN MIND THAT THE EUCLID EXIT COMES FIRST AND THEN BROOKHURST.\*\*\*\**

*OR 91 FREEWAY: TAKE 91 W EXIT BROOKHURST AND TURN LEFT. TURN RIGHT ONTO LINCOLN (PASS A SMALL STREET NAMED MONTEREY) AND GO TO THE FIRST OPEN DRIVEWAY ON THE RIGHT.*

#### **ATASCADERO**

7305 MORRO RD, SUITE 201A  
ATASCADERO, CA 93422  
(805) 462-8983

*FROM US-101 N, TAKE THE CA-41 EXIT- EXIT 219-TOWARD MORRO RD. TURN LEFT ONTO EL CAMINO REAL. Turn LEFT onto CA-41/MORRO RD.*

*FROM US-101 S, TAKE THE MORRO RD/CA-41 EXIT- EXIT 219, TURN RIGHT ONTO CA-41/MORRO RD.*

#### **BURBANK**

2950 N. HOLLYWOOD WAY, STE 150  
BURBANK, CA 91505

*FROM I-5, TAKE THE HOLLYWOOD WAY EXIT. HEAD TOWARDS THE AIRPORT. BUILDING WILL BE ON YOUR LEFT HAND SIDE APPROXIMATELY 0.7 MILES FROM FREEWAY EXIT.*

*IF TRAVELING WEST ON I-134, EXIT HOLLYWOOD WAY AND HEAD NORTH TOWARDS THE AIRPORT. BUILDING WILL BE ON YOUR RIGHT SIDE IN APPROXIMATELY 4 MILES.*

*IF TRAVELING EAST ON I-134, EXIT PASS AVENUE. TURN RIGHT ON PASS AVE. TURN LEFT ON WEST ALAMEDA. TURN LEFT ON HOLLYWOOD WAY. YOU WILL BE HEADING NORTH TOWARDS THE AIRPORT. BUILDING WILL BE ON YOUR RIGHT SIDE IN APPROXIMATELY 4 MILES.*

#### **CARSON**

17420 S. AVALON BLVD, SUITE 205  
CARSON, CA 90746  
(310) 217-1066

*FROM CA-91 E/GARDENA FWY TAKE THE AVALON EXIT. OFF RAMP WILL LEAD YOU ONTO ALBERTONI ST. MAKE A RIGHT ONTO AVALON BLVD AND WE ARE LOCATED ON THE RIGHT HANDSIDE (SAME PARKING LOT AS CARL'S JR).*

*FROM CA-91 W TAKE THE AVALON EXIT. MAKE A LEFT ONTO AVALON BLVD. MAKE A U-TURN ON AVALON BLVD AND ALBERTONI ST. WE ARE LOCATED ON THE RIGHT HAND SIDE. (SAME PARKING LOT AS CARL'S JR).*

#### **EL MONTE - SANTA FE SPRINGS**

10330 PIONEER BOULEVARD, SUITE 285  
SANTA FE SPRINGS, CA 90670  
(562) 325-8113

*FROM THE I-5 NORTH TAKE NORWALK BLVD EXIT #121, TURN RIGHT ONTO NORWALK BLVD. TURN LEFT ONTO IMPERIAL HWY/CA-90. TURN RIGHT ONTO PIONEER BLVD, TESTING CENTER WILL BE ON YOUR RIGHT.*

#### **FRESNO**

351 E. BARSTOW, SUITE 101  
FRESNO, CA 93710  
(559) 221-9006

*FROM CA-41 S, TAKE THE BULLARD AVE EXIT. TURN LEFT ONTO E BULLARD AVE. TURN RIGHT ONTO N FRESNO ST. PASS THROUGH THE INTERSECTION OF FRESNO AND BASTOW AVE. TAKE THE FIRST DRIVEWAY ON THE RIGHT HAND SIDE.*

*FROM CA-41 N, TAKE THE SHAW AVE EXIT TOWARD CLOVIS. TURN RIGHT ONTO E SHAW AVE. TURN LEFT ONTO N FRESNO ST. TURN LEFT INTO THE LAST DRIVEWAY BEFORE BARSTOW AVE.*

*TESTING CENTER IS IN THE OFFICE COMPLEX ON THE SW CORNER OF BARSTOW AND FRESNO ST.*

#### **HAYWARD**

24301 SOUTHLAND DRIVE, SUITE B-1  
HAYWARD, CA 94545

(510) 784-1114

*FROM I-880 N TOWARD OAKLAND, TAKE THE WINTON AVENUE EXIT. MERGE ONTO W WINTON AVE TOWARD HEALD COLLEGE. TURN LEFT ONTO SOUTHLAND DR.*

*FROM I-880 S TOWARD SAN JOSE/SAN MATEO BR, TAKE THE WINTON AVE WEST EXIT TOWARD HEALD COLLEGE. MERGE ONTO W WINTON AVE. TURN LEFT ONTO SOUTHLAND DR.*

#### **REDDING**

2861 CHURN CREEK, UNIT C

REDDING, CA 96002

(530) 221-0945

*FROM I-5 S, TAKE THE CYPRESS AVENUE EXIT (677). TURN RIGHT ONTO E. CYPRESS AVE. TURN RIGHT ON CHURN CREEK RD.*

*FROM I-5 N TOWARDS SACRAMENTO, TAKE THE CYPRESS AVE EXIT (677). TURN LEFT ONTO E. CYPRESS AVE. TURN RIGHT ONTO CHURN CREEK RD.*

*FROM 299 E TOWARDS REDDING, START GOING WEST ON CA-299. MERGE ONTO I-5 S RAMP ON THE LEFT TOWARDS SACRAMENTO. TAKE THE CYPRESS AVE EXIT (677). TURN LEFT ONTO E. CYPRESS AVE. TURN RIGHT ONTO CHURN CREEK RD.*

*FROM 299 W TOWARDS REDDING. START GOING EAST ON CA-299 TOWARDS WEAVERVILLE/REDDING. FROM 299 EAST TURN RIGHT ONTO CA-273/CA-299 E/MARKET STREET. TURN LEFT ONTO CA-299-E. MERGE ONTO I-5 S VIA EXIT 2A TOWARDS RED BLUFF/SACRAMENTO. TAKE THE CYPRESS AVE EXIT (677). TURN LEFT ONTO E. CYPRESS AVE. TURN RIGHT ONTO CHURN CREEK RD.*

#### **RIVERSIDE**

7888 MISSION GROVE PARKWAY S., SUITE 130

RIVERSIDE, CA 92508

(951) 789-0358

*FROM THE CA-91W TOWARD RIVERSIDE/BEACH CITIES, TAKE THE CENTRAL AVENUE EXIT TOWARD MAGNOLIA CENTER. TURN LEFT ONTO CENTRAL AVE. CENTRAL AVE BECOMES ALESSANDRO BLVD. VEER TO THE RIGHT, THEN STAY STRAIGHT TO GO ONTO TRAUTWEIN RD (YOU WILL PASS COMMUNICATIONS CENTER DR). TURN LEFT ONTO MISSION GROVE PKY W.*

*FROM THE HIGH DESERT/SAN BERNARDINO AREA 215 S, WHERE THE 60 FWY, 91 FWY AND THE 215 FWY SPLIT, TAKE 215S (SIGNS FOR THE 60 EAST INDIO). TAKE EXIT 27C FOR ALESSANDRO BLVD, TURN RIGHT ONTO E ALESSANDRO BLVD, TURN LEFT ONTO MISSION GROVE PKWY S.*

#### **SACRAMENTO**

9719 LINCOLN VILLAGE DR.

BUILDING 100, SUITE 100

SACRAMENTO, CA 95827

(916) 363-6455

*FROM SAN FRANCISCO/VALLEJO ON I-80 E, TAKE US-50 E TOWARD SACRAMENTO/SOUTH LAKE TAHOE. TAKE BRADSHAW ROAD, EXIT 13, TURN RIGHT ONTO BRADSHAW ROAD. TURN IMMEDIATE LEFT ONTO LINCOLN VILLAGE DR.*

#### **SAN DIEGO**

5440 MOREHOUSE DRIVE, SUITE 2300

SAN DIEGO, CA 92121

(858) 550-5940

*FROM I-805 S, TAKE THE SORRENTO VALLEY RD/MIRA MESA BLVD EXIT. TURN LEFT ONTO MIRA MESA BLVD, TURN LEFT ONTO SCRANTON ROAD. TURN RIGHT ONTO MOREHOUSE DRIVE.*

*FROM I-805 N TOWARD LOS ANGELES, TAKE THE MIRA MESA BLVD/VISTA SORRENTO PKWY EXIT. TURN RIGHT ONTO MIRA MESA BLVD. TURN LEFT ONTO SCRANTON RD. TURN RIGHT ONTO MOREHOUSE DR.*

*ADDITIONAL PARKING CAN BE FOUND (on top of the AT&T building) BY CONTINUING ON MOREHOUSE PAST OUR BUILDING AND TURNING LEFT AT THE NEXT DRIVEWAY UP THE HILL*

#### **SAN FRANCISCO**

150 EXECUTIVE PARK BLVD., STE 1100

SAN FRANCISCO, CA 94134

(415) 330-9700

*I-80 W BECOMES US-101 S. TAKE EXIT 429 A TOWARD MONSTER PARK/TUNNEL AVE. TAKE THE RAMP TOWARD 3COM PARK. TURN RIGHT ONTO ALANNA RD. TURN LEFT ONTO EXECUTIVE PARK BLVD.*

#### **SANTA CLARA**

2936 SCOTT BLVD

SANTA CLARA, CA 95054

(408) 844-0008

*FROM US-101 N, TAKE THE SAN TOMAS EXPWY/MONTAGUE EXPWY EXIT- EXIT 392. TAKE THE SAN TOMAS EXPWY RAMP. MERGE ONTO SAN TOMAS EXPY/CR-G4. TURN LEFT ONTO SCOTT BLVD.*

*FROM I-880 S TOWARD SAN JOSE, TAKE THE MONTAGUE EXPWY EXIT (7). TAKE THE MONTAGUE EXPWY WEST RAMP. MERGE ONTO MONTAGUE EXPY/CR-G4 E. TURN LEFT ONTO E TRIMBLE RD. E TRIMBLE RD BECOMES DE LA CRUZ BLVD. TURN SLIGHT RIGHT ONTO CENTRAL EXPY/CR-G6 W. TURN SLIGHT RIGHT ONTO SCOTT BLVD.*

#### **SANTA ROSA**

160 WIKIUP DRIVE, SUITE 105

SANTA ROSA, CA 95403

(707) 544-6723

*FROM US-101 N, TAKE MARK WEST SPRINGS/RIVER ROAD EXIT. TURN RIGHT ON MARK WEST SPRINGS. TURN LEFT AT OLD REDWOOD HIGHWAY. TURN RIGHT ON WIKIUP DRIVE. FIRST DRIVEWAY ON RIGHT.*

*FROM US-101 S, TAKE MARK WEST SPRINGS/RIVER ROAD EXIT. TURN LEFT ON MARK WEST SPRINGS. TURN LEFT AT OLD REDWOOD HIGHWAY. TURN RIGHT ON WIKIUP DRIVE. FIRST DRIVEWAY ON RIGHT.*

#### **VENTURA**

4245 MARKET ST, SUITE 208

VENTURA, CA 93003

(805) 650-5220

*FROM US-101N, TAKE THE TELEPHONE ROAD EXIT 65. TURN LEFT ONTO TELEPHONE ROAD. TURN RIGHT ONTO MARKET STREET.*

#### **VISALIA**

3400 W MINERAL KING AVE, SUITE D

VISALIA, CA 93291

*FROM CA-99N, MERGE ONTO CA-198E VIA EXIT 96 TOWARD VISALIA/SEQUOIA NAT'L PARK. TAKE THE EXIT TOWARD DEMAREE STREET. MERGE ONTO W NOBLE AVENUE. TURN LEFT ONTO S COUNTY CENTER DRIVE. TAKE THE 1<sup>ST</sup> LEFT ONTO W MINERAL KING AVENUE.*

#### **WALNUT CREEK**

175 LENNON LANE, SUITE 203

WALNUT CREEK, CA 94598

(925) 906-9165

*FROM I-5N, KEEP LEFT TO TAKE I-580W TOWARD TRACY/SAN FRANCISCO. MERGE ONTO I-680N VIA EXIT 44B TOWARD SACRAMENTO/WALNUT CREEK/CONCORD. TAKE THE YGNACIO VALLEY ROAD EXIT AND TURN RIGHT. TURN LEFT ONTO LENNON LANE.*

## **REPORTING TO THE EXAMINATION SITE**

On the day of the examination, you should arrive at least 30 minutes prior to your scheduled appointment time. This allows time for sign-in and identification verification and provides time to familiarize yourself with the examination process. *If you arrive late, you may not be admitted to the examination site and you will forfeit your examination registration fee.*

## REQUIRED IDENTIFICATION AT EXAMINATION SITE

You must provide 2 forms of identification. *One of these forms of identification must be:*

- A valid unexpired California Driver License with a photo.
- A valid unexpired California Department of Motor Vehicles Identification Card with a photo.
- A current U.S. military-issued (active duty) identification card

The second ID must have your signature and preprinted legal name. All identification provided must match the name on the license application submitted to BAR. Out of State Drivers Licenses will NOT be accepted. PSI keeps the applicant's driver's license locked up until the examination is completed.

## CALIFORNIA EXAMINATION SECURITY LAW

Section 123 of the California Business and Professions Code states: "It is a misdemeanor for any person to engage in any conduct which subverts or attempts to subvert any licensing examination or the administration of an examination, including, but not limited to:

- Conduct which violates the security of the examination materials;
- Removing from the examination room any examination materials without authorization;
- The unauthorized reproduction by any means of any portion of the actual licensing examination;
- Aiding by any means the unauthorized reproduction of any portion of the licensing examination;
- Paying or using professional or paid examination-takers for the purpose of reconstructing any portion of the licensing examination;
- Obtaining examination questions or other examination material, except by specific authorization either before, during, or after an examination; or
- Selling, distributing, buying, receiving, or having unauthorized possession of any portion of a future, current, or previously administered licensing examination.
- Communicating with any other examinee during the administration of a licensing examination.
- Copying answers from another examinee or permitting one's answers to be copied by another examinee.
- Having in one's possession during the administration of the licensing examination any books, equipment, notes, written or printed materials, or data of any kind, other than the examination materials distributed, or otherwise authorized to be in one's possession during the examination.
- Impersonating any examinee or having an impersonator take the licensing examination on one's behalf.

Nothing in this section shall preclude prosecution under authority provided for in any other provision of law. In addition to any other penalties, a person found guilty of violating this section, shall be liable for the actual damages sustained by the agency administering the examination not to exceed ten thousand dollars (\$10,000) and the costs of litigation."

## IMPORTANT INFORMATION ABOUT TAKING AN EXAMINATION

1. All candidates will have their thumbprint taken during examination check-in and re-entry into the testing room after an approved absence. If a candidate passes the examination, the thumbprint record will be destroyed. If a candidate abandons his or her application for licensure, as determined by the appropriate regulatory authority, the thumbprint will also be destroyed. If a candidate is unsuccessful, the thumbprint record will be retained by PSI to ensure proper identification on any subsequent examination attempts. If the thumbprint doesn't match upon exit and re-entry, the candidate shall be disqualified from the examination, his or her test results invalidated and the appropriate regulatory entity will be notified of the occurrence. The taking of the thumbprint is an additional measure to enhance examination security. The Department's Office of Examination Resources shall ensure that the appropriate safeguards for the storage and destruction of the thumbprint records are in place.
2. The temperature in the testing room is maintained at a moderate level. Candidates are advised to layer clothing. Acceptable layered clothing includes lightweight shirts, sweaters, and pullovers without pockets. These items must be worn upon check-in, while you wait to enter the testing room and during your initial seating for the examination.
3. There are timing mechanisms available at the test site and on the computer console to help candidates keep track of time during the test administration time. Watches or other timekeeping devices are not permitted in the examination rooms.
4. Only one candidate will be allowed to take a restroom break at a time. Candidates are required to sign out when you leave the room and when you return. If a candidate's restroom break takes longer than 5 (five) minutes, a proctor will check on the candidate and will notify the applicable regulatory entity of the occurrence, which will take appropriate action.
5. The following items are not permitted in the examination rooms:
  - Cellular telephones, personal digital assistants (PDAs), recording devices, pagers, purses, notebooks, notebook computers, reference or readings material, music players, radios, electronic games, calculators or briefcases.
  - Personal items including watches, backpacks, wallets, pens, pencils, or other writing devices, food, drinks (unless medically required) and good-luck items.
  - Hats, baseball caps, or visors (with the exception of religious apparel), coats, shawls, hooded clothing, heavy jackets or overcoats.
  - During the check-in process, all candidates will be asked if they possess any of the prohibited items and all candidates will be asked to empty

their pockets. If prohibited items are found during check-in, candidates shall return these items to their vehicle or other place of safekeeping. Neither PSI nor the Department of Consumer Affairs shall be responsible for the items. Any candidate possessing the prohibited items in the examination room shall have his or her test results invalidated, and PSI shall notify the appropriate regulatory entity of the occurrence.

6. Copying or communicating examination content is a violation of PSI security policy and existing law. Either one shall result in the disqualification or invalidation of examination results, the denial of your license, and may subject the candidate to criminal prosecution.

## IDENTIFICATION SCREEN

You will be directed to a semiprivate testing station to take the examination. When you are seated at the testing station, you will be prompted to confirm your name, identification number, and the examination for which you are registered.

## TUTORIAL

Before you start your examination, an introductory tutorial to the computer and keyboard is provided on the computer screen. The time you spend on this tutorial, up to 15 minutes, DOES NOT count as part of your examination time. Sample questions are included as part of the tutorial so that you may practice using the keys, answering questions, and reviewing your answers.

One question appears on the screen at a time. During the examination, minutes remaining will be displayed at the top of the screen and updated as you record your answers.

## **SPECIAL TESTING CONSIDERATIONS**

### AMERICANS WITH DISABILITIES ACT (ADA)

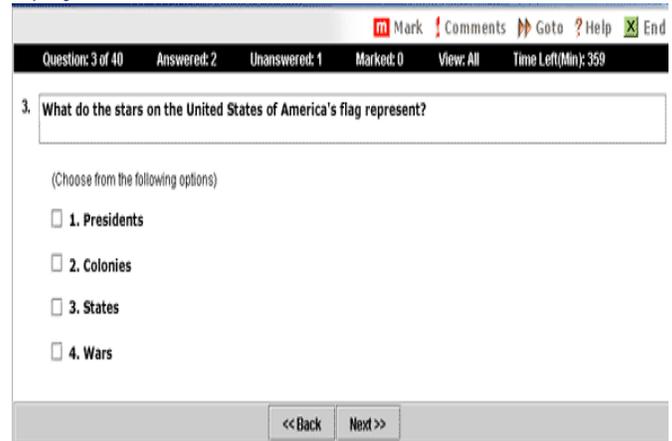
Candidates with a physical or mental impairment that substantially limits a major life activity may be eligible for accommodation in the testing process to assure you that the examination accurately reflects knowledge, skills, or abilities. BAR and PSI are fully compliant with ADA guidelines and will provide reasonable accommodations as required by the law. Scheduling services are also available via our Telecommunications Device for the Deaf (TDD) by calling 800-790-3926.

### ACCOMMODATION PROCEDURES

Candidates requiring special testing arrangements due to a physical or mental impairment must submit a request to BAR for such arrangements at the time of application. Please see Page 9, Special Accommodations Available for details.

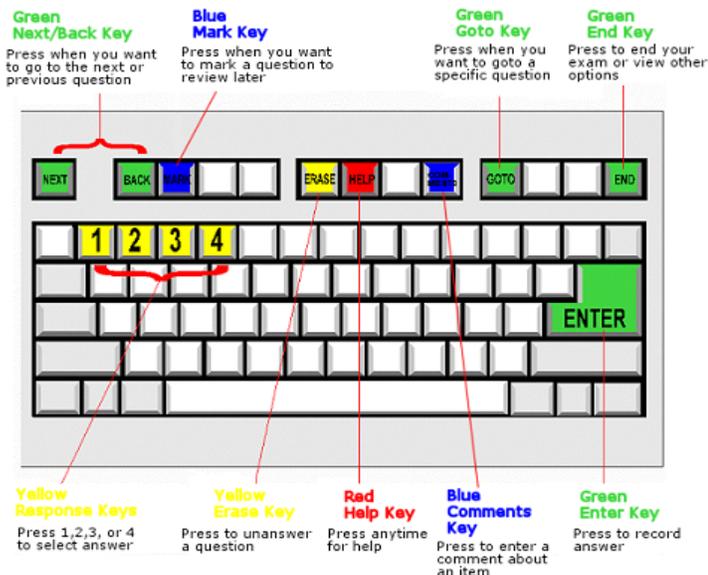
### EXAMINATION QUESTION EXAMPLE

During the examination, you should press 1, 2, 3, or 4 to select your answer. You should then press "ENTER" to record your answer and move on to the next question. A sample question display follows:



## **TAKING THE EXAMINATION BY COMPUTER**

Taking the PSI examination by computer is simple. You do not need any computer experience or typing skills. You will use fewer keys than you use on a touch-tone telephone. All response keys are colored and have prominent characters. An illustration of the special keyboard is shown here.



## **TIPS FOR PREPARING FOR YOUR EXAMINATION**

The following suggestions will help you prepare for your examination.

- Planned preparation increases your likelihood of passing.
- Start with a current copy of this Candidate Information Bulletin and use the examination content outline as the basis of your study.
- Read study materials that cover all the topics in the content outline.
- Take notes on what you study. Putting information in writing helps you commit it to memory and it is also an excellent business practice. Underline or highlight key ideas that will help with a later review.
- Discuss new terms or concepts as frequently as you can with colleagues. This will test your understanding and reinforce ideas.
- Your studies will be most effective if you study frequently, for periods of about 45 to 60 minutes. Concentration tends to wander when you study for longer periods of time.

## SECTION VI: LICENSING EXAMINATIONS

### LICENSING EXAMINATIONS

Examination	Length of Time	# of Items
Inspector	2.5 Hours	110
Repair Technician	3 Hours	120

Actual number of questions and passing score may vary, depending on the actual exam version. Check the latest BAR publications for the latest information.

### SAMPLE OF MULTIPLE-CHOICE EXAMINATION QUESTIONS

Multiple-choice questions are used throughout the examination(s). These are questions in which four answers are provided, only one of which is correct.

Examination candidates should carefully read the following:

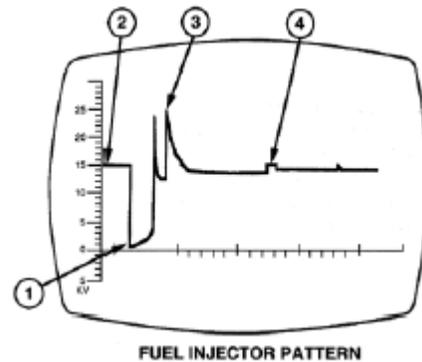
- For each multiple-choice question, you may select only one answer.
- There is no penalty for guessing. Scores are based on the number of overall correct answers. **It is to your advantage to answer as many questions as you can.**
- Some questions will require you to use provided reference materials to determine the correct answer.
- Suggestions for taking multiple-choice examinations:
  - Your first answer is often your best answer. Don't spend too much time on any one question.
  - If more than one answer seems to be correct, choose the answer that seems correct most often.

#### SAMPLE EXAMINATION QUESTIONS

1. While performing a visual inspection, an Inspector observes there is no EGR amplifier, even though one is shown on the underhood emission label. The EGR valve is connected to ported vacuum. What EIS analyzer should be made?
  - A. Missing
  - B. Disconnected
  - C. Pass
  - D. Defective
  
2. Which of the following actions should be taken if a vehicle's timing reads 5 degrees BTDC and the specification for the vehicle is 8 degrees BTDC?
  - A. Adjust timing to specification and perform a second after-repairs test.
  - B. Enter "fail" into the analyzer for ignition timing because it is out of specification range.

- C. Enter "pass" into the analyzer for ignition timing and 5 degrees BTDC for the timing reading.
- D. Enter "not applicable" for the ignition timing and specification.

3. Which of the following is a primary purpose of the Smog Check Referee?
  - A. Perform initial smog inspections.
  - B. Analyze data from test analyzers.
  - C. Perform inspection dispute resolutions.
  - D. Perform disputed smog-related repairs.
  
4. What action should be taken when a 23-month-old car with 22,200 miles on its odometer fails an emissions inspection because of a failed emission component?
  - A. Send the vehicle to a Referee as a pattern failure.
  - B. Refer the customer go to a dealer for the repair.
  - C. Retest and issue a certification and exemption.
  - D. Issue a certificate of non-compliance.
  
5. Which of the following statements describes the difference between a three-wire oxygen sensor and a single-wire oxygen sensor?
  - A. A three-wire is more accurate.
  - B. A single-wire is more durable.
  - C. A single-wire sends information slower.
  - D. A three-wire allows earlier closed-loop operation
  
6. Use the following exhibit to answer this question.



At what point in this scope pattern would the fuel injector be open?

- A. 1
- B. 2
- C. 3
- D. 4

(Correct answers to these questions can be found on the next page.)

## SECTION VII: AFTER THE EXAMINATION IS OVER

### EXAMINATION RESULTS

At the end of your test, you will receive a printed Score Report. The report indicates whether you passed or failed the examination.

For candidates who fail the examination, the Score Report also identifies the number of questions answered correctly, the minimum passing score, and the scores for each of the sections of the examination. The scores for each of the sections are provided to give you more details about your performance on the examination. You may refer to the examination plans in Section V of this handbook for the specific knowledge, skills and abilities needed for each section. Only correctly answered questions count toward your examination score.

Periodically, there may be a delay in providing results due to the Bureau performing a quality assurance assessment on the examination items. Once this assessment has been completed during one of these periodic reviews, release of examination results should resume as scheduled. Whenever the Bureau conducts a quality assurance assessment, the Bureau posts this information on its website.

#### CONFIDENTIALITY OF EXAMINATION RESULTS

Examination results are the property of the person who took the examination, and will not be released to anyone else without the written permission of the candidate.

#### DUPLICATE SCORE REPORTS

You may request a duplicate score report after your examination by emailing [scorereport@psionline.com](mailto:scorereport@psionline.com) or by calling 800-733-9267.

### RETAKE AN EXAMINATION

Once you have received your Examination Eligibility Notice, you will be allowed two attempts to pass the examination. If you do not pass your first examination, you may schedule a second examination appointment. BAR requires 14 days between examination attempts.

It is not possible to make a new examination appointment on the same day you have taken an examination; this is due to processing and reporting scores. A candidate who tests unsuccessfully on a Wednesday can call the next day, Thursday, to schedule another test. In order to retest, you must re-register following the steps for registration and scheduling as outlined earlier. You may re-register over the Internet, telephone, fax or by mail. Once registered, you can schedule your re-examination.

If you do not pass the examination in two attempts, you must submit a new application, with a \$20.00 application fee, to:

Department of Consumer Affairs  
Bureau of Automotive Repair  
Licensing Unit  
P.O. Box 989001  
West Sacramento, CA 95798-9001

If you wish to send your application and fee by an express carrier, send to:

Department of Consumer Affairs  
Bureau of Automotive Repair  
Licensing Unit  
10949 N. Mather Blvd.  
Rancho Cordova, CA 95670

You must wait at least 14 days between examination attempts. You will be charged a fee of \$40.50 each time you take the examination.

Answers to sample examination questions  
1:A; 2:C; 3:C; 4:B; 5:D; 6:A

## SECTION VIII: OBTAINING A LICENSE

After passing the examination, your record is sent back to BAR to review for enforcement actions, as well as family support or tax actions before a license may be issued. If there are no administrative, tax, or family support holds on your license, your results will be updated into the BAR Vehicle Information Database (VID) within five business days of your examination. You must contact your local BAR field office for instructions on how to obtain an access code.

**No additional fees are collected before the license is issued.**

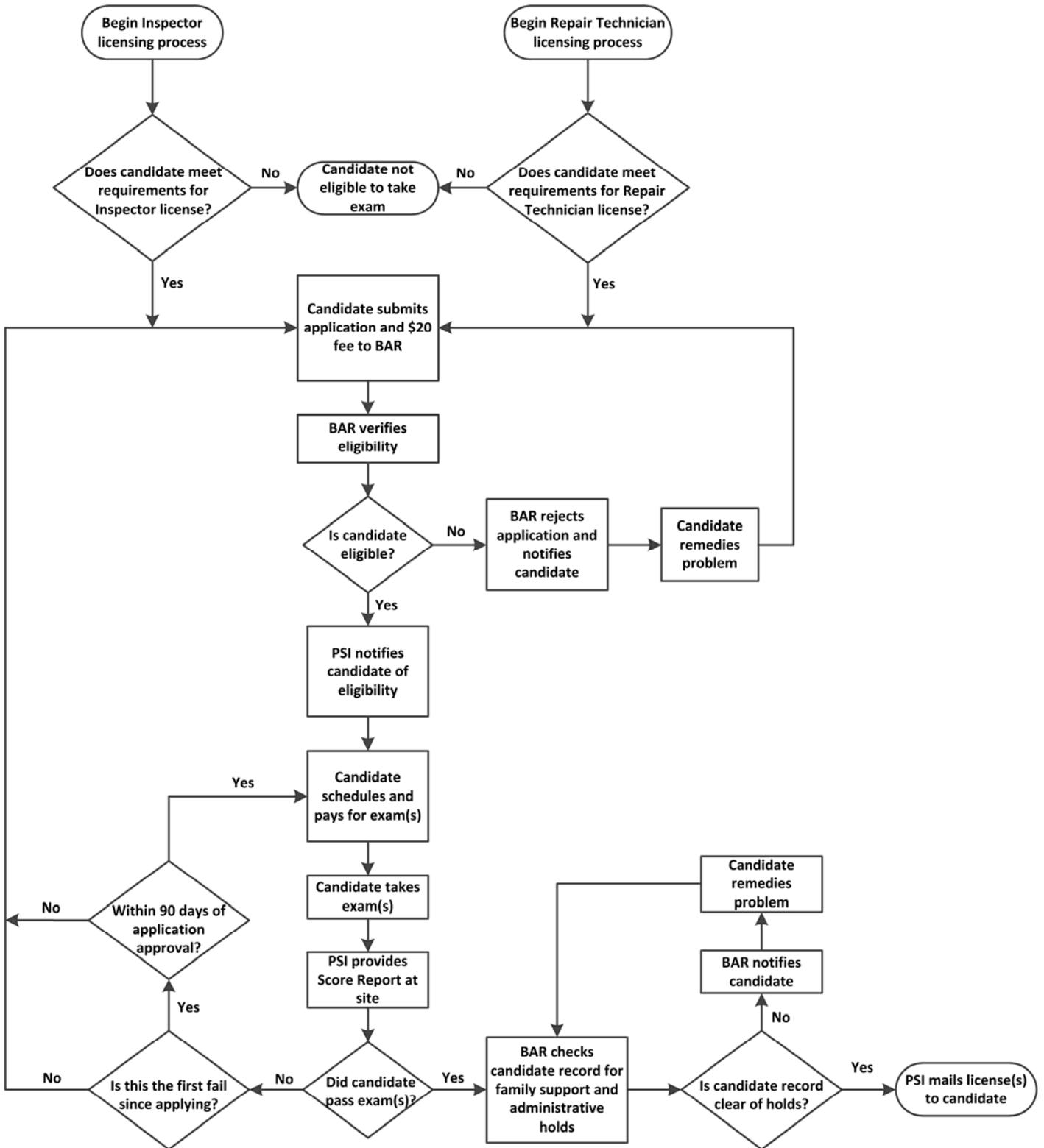
A person may not perform the duties of a Licensed Inspector or Repair Technician without a current license. The Inspector and Repair Technician license shall expire two years from the last day of the month in which the license was issued, unless renewed, suspended, rescinded, or terminated by operation of law. This process is fully explained in California Code of Regulations, Title 16, Section 3340.29 (e).

Before BAR can issue an Inspector or Repair Technician license to you, BAR must have information required by Sections 44014 and 44031.5 of the Health and Safety Code. The Chief of the bureau is responsible for maintaining the information you provide. The information may be transferred to other government agencies if the agencies need it to perform their legal duties. You have a right to review the records maintained on you by this bureau, unless the records are identified as confidential information and exempted in Section 1798.3 of the Information Practices Act.

**Disclosure of your Social Security number to BAR is mandatory.**

Section 30 of the Business and Professions Code and Pub. L. 94-455 [42 w. 405(c)(2)(C)] authorizes collection of your Social Security number. Your Social Security number will be used exclusively for tax enforcement purposes and for purposes of compliance with any judgment or order for family support in accordance with section 11350.6 of the Welfare and Institutions Code. If you fail to provide your Social Security number, you will be reported to the Franchise Tax Board, which may assess a \$100 penalty against you.

# INITIAL LICENSING FLOWCHART





CALIFORNIA BUREAU OF AUTOMOTIVE REPAIR EXAMINATIONS
REGISTRATION FORM

Before you begin. . .

Read the Candidate Information Bulletin before filling out this registration form. You must provide all information requested and submit the appropriate fee. PLEASE TYPE OR PRINT LEGIBLY. Registration forms that are incomplete, illegible, or not accompanied by the proper fee will be returned unprocessed. Registration fees are not refundable.

1. Legal Name: [Grids for Last Name, Jr/III, First Name, Middle Name]

2. Candidate ID: [Grid]

3. Mailing Address: [Grids for Number, Street, Apt/Ste, City, State, Zip Code]

4. Telephone: Home [Grids] - [Grids] Work [Grids] - [Grids]

5. Email: \_\_\_\_\_@\_\_\_\_\_

6. Examination: (Check one) [ ] Smog Check Inspector \$40.50 [ ] Smog Check Repair Technician \$40.50
[ ] FIRST TIME [ ] RETAKE

7. Total Fee \$\_\_\_\_\_ Pay by credit card, money order, company check or cashier's check (made payable to PSI).

If you are paying by credit card, check one: [ ] VISA [ ] MasterCard [ ] American Express [ ] Discover

Card No: \_\_\_\_\_ Exp. Date: \_\_\_\_\_

Card Verification No: \_\_\_\_\_ The card verification number may be located on the back of the card (the last three digits on the signature strip) or on the front of the card (four digits to the right and above the card account number).

Billing Street Address: \_\_\_\_\_ Billing Zip Code: \_\_\_\_\_

Cardholder Name (Print): \_\_\_\_\_ Signature: \_\_\_\_\_

8. Affidavit: I certify that the information provided on this registration form (and/or telephonically to PSI) is correct. I understand that any falsification of information may result in denial of registration. I have read and understand the candidate information bulletin.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

When you have finished this form in its entirety, please mail the form, along with the appropriate fees, to the address below.

PSI licensure:certification \* ATTN: Examination Registration CA BAR
3210 E Tropicana \* Las Vegas, NV \* 89121
Fax (702) 932-2666 \* (877) 392-6422 \* TTY (800) 735-2929

BAR Mail Room  
10949 N. Mather Blvd.  
Rancho Cordova, CA 95670