

# **A Report to the Legislature on the Status of Board Licensing**

**Examination Validation  
and Occupational Analysis**



**Pursuant to  
Sections 139(c) and (d) of the California Business & Professions Code**

Report information supplied by the individual boards and bureaus of the Department of Consumer Affairs  
and the Board of Chiropractic Examiners and Osteopathic Medical Board of California

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# INTRODUCTION

(WITH BACKGROUND)

The Legislature continues to recognize and acknowledge that occupational analyses and examination validation studies are fundamental components of licensure programs. These fundamental components can support quality examinations and be defended against challenge only when legal and recognized professional testing standards are applied. To promote reliability and validity, these legal and professional testing standards must also be used during the establishment, implementation, and maintenance of licensure examinations.

Business and Professions Code (B&P) section 139 requires that all boards, bureaus, and programs administered by the Department of Consumer Affairs (hereinafter referred to as the Department) report annually to the Director on their respective method for ensuring that every licensing examination administered by or pursuant to contract be subject to periodic evaluation. B&P Code section 139 and California Government Code section 12944 were established to ensure that the examinations are fair to candidates and assess job-related competencies relevant to current and safe practice.

Specifically, boards, bureaus, and programs are required to provide information about the following:

- ❖ Schedule of validation studies performed and the status of ongoing test development/validation; and
- ❖ Estimate of costs and personnel required for performing examination-related functions.

Assembly Bill 1105 (Jackson, Chapter 67, Statutes of 1999) amended B&P Code section 139 and requires that the Department develop a policy on occupational analyses, examination development, and examination validation. This policy was developed and submitted to the Legislature in September 1999. The policy was accepted by the Legislature and subsequently distributed to all boards, bureaus, and programs in April 2000. Also pursuant to AB 1105, the Department is required to compile the individual board, bureau, and program information and submit it to the appropriate fiscal, policy, and sunset review committees of the Legislature by September 30 of each year.

The intent of the Legislature is to ensure that the method specified in the individual board, bureau, and program report is consistent with the policy developed by the Department. The fiscal, policy, and sunset review committees of the Legislature will use information in the report and the Department's *Examination Validation Policy* during their reviews of regulatory boards, bureaus, and programs.

This report is a compilation of the information required by B&P Code section 139 for all regulatory boards, bureaus, and programs that use or administer licensing examinations administered by the Department and includes the State Board of Chiropractic Examiners and the Osteopathic Medical Board of California. Each of these entities submitted the completed forms to the Department's Office of Examination Resources (OER) for compilation.

The OER has functioned as a resource to the Department's boards, bureaus, and programs in the preparation of this report to meet the mandated requirements of B&P Code section 139. The OER also performs periodic evaluations, examination validation, and examination development services for some of the boards, bureaus, and programs affected by this section.

B&P Code section 139 is printed in its entirety on pages six (6) and seven (7) of this report. A sample of the formats used for gathering the data specific to examination evaluation, validation, and development for the boards, bureaus, and programs affected by section 139 may be found on pages eleven (11) through thirteen (13) of this document.

Specific questions regarding the reported information should be addressed to the reporting board, bureau, and program entity. Copies of the Department's *Examination Validation Policy* and additional copies of this report may be obtained from the Department of Consumer Affairs' Office of Examination Resources at 2420 Del Paso Road, Suite 265, Sacramento, California 95834.

## SECTION 139 OF THE BUSINESS AND PROFESSIONS CODE

- (a) The Legislature finds and declares that occupational analyses and examination validation studies are fundamental components of licensure programs. It is the intent of the Legislature that the policy developed by the Department pursuant to subdivision (b) be used by the fiscal, policy, and sunset review committees of the Legislature in their annual reviews of these boards, programs, bureaus, and divisions.
- (b) Notwithstanding any other provision of law, the Department shall develop, in consultation with the boards, programs, bureaus, and divisions under its jurisdiction, and the Osteopathic Medical Board of California and the State Board of Chiropractic Examiners, a policy regarding examination development and validation, and occupational analysis. The Department shall finalize and distribute this policy by September 30, 1999, to each of the boards, programs, bureaus, and divisions under its jurisdiction and to the Osteopathic Medical Board of California and the State Board of Chiropractic Examiners. This policy shall be submitted in draft form at least 30 days prior to that date to the appropriate fiscal, policy, and sunset review committees of the Legislature for review. This policy shall address, but shall not be limited to, the following issues:
- (1) An appropriate schedule for examination validation and occupational analyses, and circumstances under which more frequent reviews are appropriate.
  - (2) Minimum requirements for psychometrically sound examination validation, examination development, and occupational analyses, including standards for sufficient number of test items.
  - (3) Standards for review of state and national examinations.
  - (4) Setting of passing standards.
  - (5) Appropriate funding sources for examination validations and occupational analyses.
  - (6) Conditions under which boards, programs, and bureaus should use internal and external entities to conduct these reviews.
  - (7) Standards for determining appropriate costs of reviews of different types of examinations, measured in terms of hours required.
  - (8) Conditions under which it is appropriate to fund permanent and limited term positions within a board, program, or bureau to manage these reviews.

- (c) Every regulatory board and bureau, as defined in Section 22, and every program and bureau administered by the department, the Osteopathic Medical Board of California and the State Board of Chiropractic Examiners, shall submit to the director on or before December 1, 1999, and on or before December 1 of each subsequent year, its method for ensuring that every licensing examination administered by or pursuant to contract with the board is subject to periodic evaluation. The evaluation shall include the following: (1) a description of the occupational analysis serving as the basis for the examination; (2) sufficient item analysis data to permit a psychometric evaluation of the items; (3) an assessment of the appropriateness of prerequisites for admittance to the examination; and (4) an estimate of the costs and personnel required to perform these functions.

The evaluation shall be revised and a new evaluation submitted to the director whenever, in the judgment of the board, program, or bureau, there is a substantial change in the examination or the prerequisites for admittance to the examination.

- (d) The evaluation may be conducted by the board, program, or bureau, the Office of Examination Resources of the department, the Osteopathic Medical Board of California, or the State Board of Chiropractic Examiners or pursuant to a contract with a qualified private testing firm. A board, program, or bureau that provides for development or administration of a licensing examination pursuant to contract with a public or private entity may rely on an occupational analysis or item analysis conducted by that entity. The department shall compile this information, along with a schedule specifying when examination validations and occupational analyses shall be performed, and submit it to the appropriate fiscal, policy, and sunset review committees of the Legislature by September 30 of each year. It is the intent of the Legislature that the method specified in this report be consistent with the policy developed by the department pursuant to subdivision (b).

## SAMPLE OF FORM TEMPLATE

REPORT AS REQUIRED BY SECTION 139(c)  
OF THE BUSINESS AND PROFESSIONS CODE

PREPARED BY:  
September 2007

### Part 1: Examination Evaluation, Validation and Development [Section 139(c)(1)&(2); (d)]

Licensing Program	Type of Exam	Occupational Analysis (OA)			Examination Passing Score Methodology	Status of Test Development/ Validation	Comments
		Date of Last OA	Performed By	Date of Next Scheduled OA			
					<u>Criterion-referenced methodology:</u>  Yes      No  <u>Specify methodology:</u>  <u>Other (specify methodology):</u>		

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]**

License Type	Prerequisite	Code or Regulation that Mandates Prerequisites		Prerequisites Are Supported by Most Recent Occupational Analysis (OA)		Prerequisites Are Justified By		Frequency of Assessment (in years)
		Statutory Code #	CCR#	Underline response		Describe methodology used to justify each prerequisite	<u>Underline</u> source of methodology	<u>Underline</u> appropriate number
				Yes	No		Internal External None	0 1 2 3 4 5 6 7 8 9

**Part 3: Estimate of the Costs and Personnel Required to Perform these Functions  
(Evaluation, Validation, and Development) [(Section 139(c)(4)]**

Examination Cost Element	Current Fee Authority to Cover Costs		Covered by Other Than Fee Authority		Examination Related Function Enter actual or estimated costs for all applicable cost elements and each function below.				
	<u>Underline</u> Response	<u>Underline</u> Response	<u>Underline</u> Response	<u>Underline</u> Response	Occupational Analysis (Cost per Occurrence)	Ongoing Examination Development (Cost per Year)	Examination Administration (Cost per Year)	Program Evaluation (Cost per Occurrence)	TOTALS
Personnel Years	Yes No	Yes No	Yes No	Yes No					
Personnel Years - Overtime	Yes No	Yes No	Yes No	Yes No					
Subject Matter Expert (SME)	Yes No	Yes No	Yes No	Yes No					
SME-Language Adaptation	Yes No	Yes No	Yes No	Yes No					
Travel Per Diem	Yes No	Yes No	Yes No	Yes No					
Honoraria	Yes No	Yes No	Yes No	Yes No					
Key Data Entry	Yes No	Yes No	Yes No	Yes No					
Printing and Mailing	Yes No	Yes No	Yes No	Yes No					
Contracted Services:	Yes No	Yes No	Yes No	Yes No					
Contracted Services: Other	Yes No	Yes No	Yes No	Yes No					
National Association	Yes No	Yes No	Yes No	Yes No					
Other:	Yes No	Yes No	Yes No	Yes No					
Other:	Yes No	Yes No	Yes No	Yes No					
<b>EXAM COST TOTALS:</b>									

# ATHLETIC COMMISSION

REPORT AS REQUIRED BY SECTION 139(c)  
OF THE BUSINESS AND PROFESSIONS CODE  
PREPARED BY: *ATHLETIC COMMISSION*  
September 2007

Part 1: Examination Evaluation, Validation and Development [Section 139(c)(1)&(2); (d)]

Licensing Program	Type of Exam	Occupational Analysis (OA)			Examination Passing Score Methodology	Status of Test Development/ Validation	Comments
		Date of Last OA	Performed By	Date of Next Scheduled OA			
Promoter	Written	Not recorded	Not recorded	Unknown: pending a review of regulations and need for exams	<u>Criterion-referenced methodology:</u>		A recent OA has not been conducted and a subsequent examination has not been developed.
Judge					Yes <u>No</u>	Examination was developed in-house.	A recent OA has not been conducted or an updated examination developed.
Manager					<u>Specify methodology:</u>		A recent OA has not been conducted and a subsequent examination has not been developed.
Matchmaker					<u>Other (specify methodology):</u>		A recent OA has not been conducted and a subsequent examination has not been developed.
Referee					Subject matter expert	Examination was developed in-house.	A recent OA has not been conducted or an updated examination developed.
Second							A recent OA has not been conducted and a subsequent examination has not been developed.
Timekeeper					Examination was developed in-house.	A recent OA has not been conducted and or an updated examination developed.	

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]  
for the Athletic Commission**

License Type	Prerequisites	Code or Regulation that Mandates		Prerequisites Are Supported by Most Recent Occupational Analysis (OA)	Prerequisites Are Justified By		Frequency of Assessment (in years)
		Statutory Code #	CCR#	Underline response	Describe methodology used to determine each prerequisite	Underline source of methodology	Underline appropriate number
Promoter	Prerequisites apply to licensure and not to admittance to the examinations.	B&P 18640 18648	Title 4 CCR 213	Yes <u>No</u>	Unknown	Internal External <u>None</u>	<u>0</u> 1 2 3 4 5 6 7 8 9
Judge			Title 4 CCR 379	Yes <u>No</u>	Unknown	Internal External <u>None</u>	<u>0</u> 1 2 3 4 5 6 7 8 9
Manager			Title 4 CCR 218	Yes <u>No</u>	Unknown	Internal External <u>None</u>	<u>0</u> 1 2 3 4 5 6 7 8 9
Matchmaker			Title 4 CCR 217	Yes <u>No</u>	Unknown	Internal External <u>None</u>	<u>0</u> 1 2 3 4 5 6 7 8 9
Referee			Title 4 CCR 371	Yes <u>No</u>	Unknown	Internal External <u>None</u>	<u>0</u> 1 2 3 4 5 6 7 8 9
Second			Title 4 CCR 218	Yes <u>No</u>	Unknown	Internal External <u>None</u>	<u>0</u> 1 2 3 4 5 6 7 8 9
Timekeeper			Title 4 CCR 218	Yes <u>No</u>	Unknown	Internal External <u>None</u>	<u>0</u> 1 2 3 4 5 6 7 8 9

**Part 3: Estimate of the Costs and Personnel Required to Perform these Functions  
(Evaluation, Validation, and Development) [(Section 139(c)(4)]  
for the Athletic Commission**

Examination Cost Element	Current Fee Authority to Cover Costs		Covered by Other Than Fee Authority		Examination Related Function Enter actual or estimated costs for all applicable cost elements and each function below.				
	<u>Underline</u> Response	<u>Underline</u> Response	<u>Underline</u> Response	<u>Underline</u> Response	Occupational Analysis (Cost per Occurrence)	Ongoing Examination Development (Cost per Year)	Examination Administration (Cost per Year)	Program Evaluation (Cost per Occurrence)	TOTALS
Personnel Years	Yes No	Yes No	Yes No	Yes No					
Personnel Years - Overtime	Yes No	Yes No	Yes No	Yes No					
Subject Matter Expert (SME)	Yes No	Yes No	Yes No	Yes No					
SME-Language Adaptation	Yes No	Yes No	Yes No	Yes No					
Travel Per Diem	Yes No	Yes No	Yes No	Yes No					
Honoraria	Yes No	Yes No	Yes No	Yes No		OAs have not been conducted recently, and examinations have not been updated/developed for these programs. The Athletic Commission and the Department are evaluating the need for examinations.			
Key Data Entry	Yes No	Yes No	Yes No	Yes No					
Printing and Mailing	Yes No	Yes No	Yes No	Yes No					
Contracted Services:	Yes No	Yes No	Yes No	Yes No					
Contracted Services: Other	Yes No	Yes No	Yes No	Yes No					
National Association	Yes No	Yes No	Yes No	Yes No					
Other:	Yes No	Yes No	Yes No	Yes No					
Other:	Yes No	Yes No	Yes No	Yes No					
EXAM COST TOTALS:									

# BUREAU OF AUTOMOTIVE REPAIR

REPORT AS REQUIRED BY SECTION 139(c)  
OF THE BUSINESS AND PROFESSIONS CODE  
PREPARED BY: *BUREAU OF AUTOMOTIVE REPAIR*  
September 2007

Part 1: Examination Evaluation, Validation and Development [Section 139(c)(1)&(2); (d)]

Licensing Program	Type of Exam	Occupational Analysis (OA)			Examination Passing Score Methodology	Status of Test Development/ Validation	Comments
		Date of Last OA	Performed By	Date of Next Scheduled OA			
Brake Adjuster (A, B, C)	Written	Revised 2004	OER	Not scheduled due to recent OA	<u>Criterion-referenced methodology:</u>  Yes    No  <u>Specify methodology:</u>  Modified Angoff   <u>Other (specify methodology):</u>	Relatively few candidates take these exams. However, meetings with subject matter experts to revise and update the current test were completed.	BAR began administering the exam using the department's automated exam vendor in August 2000.
Lamp Adjuster							
Smog Check Technician (Basic)		2006		2011		The OER completed new test plans in 2006 as a result of an OA. New exams will be published in December 2006 with republication every six months.	
Smog Check Technician (Advanced)							
Smog Check Technician (Test-Only)	2006	OER	2011	The final decision to implement an exam for this licensing program is pending regulatory development.			

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]  
for the Bureau of Automotive Repair (BAR)**

License Type	Prerequisites	Code or Regulation that Mandates		Prerequisites Are Supported by Most Recent Occupational Analysis (OA)	Prerequisites Are Justified By		Frequency of Assessment (in years)
		Statutory Code #	CCR#	Underline response	Describe methodology used to determine each prerequisite	<u>Underline</u> source of methodology	<u>Underline</u> appropriate number
Basic Area Technician (EB)	Automotive Service Excellence or BAR Certified alternative course certifications in A6, A8, and L1; education, experience, and update training	H&S Code 44014 44031.5	CCR 3340.28 3340.29	<u>Yes</u> No	Health and Safety Code allows the Department to license Basic Smog Check Technicians. An OA is performed using industry technicians as subject matter experts. The BAR staff then uses this information to determine the prerequisites.	<u>Internal</u> External None	0 1 <u>2</u> 3 4 5 6 7 8 9

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]  
for the Bureau of Automotive Repair (BAR)**

License Type	Prerequisites	Code or Regulation that Mandates Prerequisites		Prerequisites Are Supported by Most Recent Occupational Analysis (OA)	Prerequisites Are Justified By		Frequency of Assessment (in years)
		Statutory Code #	CCR#	Underline response	Describe methodology used to determine each prerequisite	<u>Underline</u> source of methodology	<u>Underline</u> appropriate number
Advanced Emission Specialist (AES)	Automotive Service Excellence or BAR Certified alternative course certifications in A6, A8 and L1; education, experience, and update training	H&S Code 44014 44031.5	CCR 3340.28 3340.29	<u>Yes</u> No	Health and Safety Code allows the department to license Advanced Smog Check Technicians. An OA is performed using industry technicians as subject matter experts. The BAR staff then uses this information to determine the prerequisites.	<u>Internal</u> External None	0 1 <u>2</u> 3 4 5 6 7 8 9

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]  
for the Bureau of Automotive Repair (BAR)**

License Type	Prerequisites	Code or Regulation That Mandates		Prerequisites Are Supported by Most Recent Occupational Analysis (OA)	Prerequisites Are Justified By		Frequency of Assessment (in years)
		Statutory Code #	CCR#	Underline response	Describe methodology used to determine each prerequisite	<u>Underline</u> source of methodology	<u>Underline</u> appropriate number
Brake Adjuster	None	B&P 9887.2	CCR 3310	<u>Yes</u> No	B&P Code allows the department to license Brake Adjusters. An OA is performed using industry technicians as subject matter experts. The BAR staff then uses this information to determine the prerequisites.	<u>Internal</u> External None	0 1 2 3 4 <u>5</u> 6 7 8 9

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]  
for the Bureau of Automotive Repair (BAR)**

License Type	Prerequisites	Code or Regulation That Mandates		Prerequisites Are Supported by Most Recent Occupational Analysis (OA)	Prerequisites Are Justified By		Frequency of Assessment (in years)
		Statutory Code #	CCR#	Underline response	Describe methodology used to determine each prerequisite	<u>Underline</u> source of methodology	<u>Underline</u> appropriate number
Lamp Adjuster	None	B&P 9887.2	CCR 3310	<u>Yes</u> No	B&P Code allows the department to license Lamp Adjusters. An OA is performed using industry technicians as subject matter experts. The BAR staff then uses this information to determine the prerequisites.	<u>Internal</u> External None	0 1 2 3 4 <u>5</u> 6 7 8 9

**Part 3: Estimate of the Costs and Personnel Required to Perform these Functions  
(Evaluation, Validation, and Development) [(Section 139(c)(4)]  
for the Bureau of Automotive Repair (BAR)**

Examination Cost Element	Current Fee Authority to Cover Costs		Covered by Other Than Fee Authority		Examination Related Function Enter actual or estimated costs for all applicable cost elements and each function below.				
	<u>Underline</u> Response	No	<u>Underline</u> Response	No	Occupational Analysis (Cost per Occurrence)	Ongoing Examination Development (Cost per Year)	Examination Administration (Cost per Year)	Program Evaluation (Cost per Occurrence)	TOTALS
Personnel Years	<u>Yes</u>	No	<u>Yes</u>	No	8,000	65,000			\$73,000.00
Personnel Years - Overtime	<u>Yes</u>	No	<u>Yes</u>	No	5,000	43,000			\$48,000.00
Subject Matter Expert (SME)	<u>Yes</u>	No	<u>Yes</u>	No	Honoraria	Honoraria			
SME-Language Adaptation	Yes	No	Yes	No					
Travel Per Diem	<u>Yes</u>	No	<u>Yes</u>	No	2,000	26,500			\$28,500.00
Honoraria	<u>Yes</u>	No	<u>Yes</u>	No	20,000	158,000			\$178,000.00
Key Data Entry	Yes	No	Yes	No					
Printing and Mailing	Yes	<u>No</u>	<u>Yes</u>	No	9,000				\$9,000.00
Contracted Services: OER (IAC)	<u>Yes</u>	No	<u>Yes</u>	No		60,000			\$60,000.00
Contracted Services: Other	<u>Yes</u>	No	Yes	<u>No</u>		20,000		60,000	\$80,000.00
National Association	Yes	No	Yes	No					
Other:	Yes	No	Yes	No					
Other:	Yes	No	Yes	No					
<b>EXAM COST TOTALS:</b>					*\$44,000.00	**\$372,500.00	***	\$60,000	\$476,500.00

\*Occupational analysis costs based on fiscal year 2005/2006. \*\*Examination development costs include employee travel and expenses. \*\*\*BAR uses the department's automated exam vendor.

# CEMETERY AND FUNERAL BUREAU

REPORT AS REQUIRED BY SECTION 139(c)  
 OF THE BUSINESS AND PROFESSIONS CODE  
 PREPARED BY: *CEMETERY AND FUNERAL BUREAU*  
 September 2007

Part 1: Examination Evaluation, Validation and Development [Section 139(c)(1)&(2); (d)]

Licensing Program	Type of Exam	Occupational Analysis (OA)			Examination Passing Score Methodology	Status of Test Development/ Validation	Comments
		Date of Last OA	Performed By	Date of Next Scheduled OA			
Cemetery Broker	Written	2006	OER	Anticipate new OA in 2013	<u>Criterion-referenced methodology:</u>  Yes    No  <u>Specify methodology:</u>  Modified Angoff  <u>Other (specify methodology):</u>	New test developed 2006	
Cemetery Manager		2005	OER	Anticipate new OA in 2012		New test developed July 2007	
Crematory Manager		2004	OER	Anticipate new OA in 2011		New test developed November 2007	
Funeral Director		2003	OER	Anticipate new OA in 2010		New test developed May 2007	
Embalmer		2002	OER	Anticipate new OA in 2009		New test developed September 2006	

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]  
for the Cemetery and Funeral Bureau**

License Type	Prerequisites	Code or Regulation that Mandates		Prerequisites Are Supported by Most Recent Occupational Analysis (OA)	Prerequisites Are Justified By		Frequency of Assessment* (in years)
		Statutory Code #	CCR#	Underline response	Describe methodology used to determine each prerequisite	Underline source of methodology	Underline appropriate number
Embalmer	Application, high school diploma, Mortuary Science Degree, and LiveScan	B&P 7642 7643	CCR 1235	Yes <u>No</u>	Requirements set in statute by Legislature.	<u>Internal</u> External None	0 <u>1</u> 2 3 4 5 6 7 8 9
Funeral Director	Application, Associate Arts Degree or equivalent and LiveScan	B&P 7618 7619		Yes <u>No</u>	Requirements set in statute by Legislature.	<u>Internal</u> External None	0 <u>1</u> 2 3 4 5 6 7 8 9
Cemetery Broker	Application, 2 years of experience as a cemetery salesperson or equivalent experience; LiveScan	B&P 9702.5		Yes <u>No</u>	Requirements set in statute by Legislature.	<u>Internal</u> External None	0 <u>1</u> 2 3 4 5 6 7 8 9
Cemetery Manager	High school diploma; LiveScan	B&P 9715.1 & 9723.1	CCR 2326.1(a) (1)	Yes <u>No</u>	Requirements set in statute by Legislature.	<u>Internal</u> External None	0 <u>1</u> 2 3 4 5 6 7 8 9
Crematory Manager	High school diploma; LiveScan	B&P 9787 & 9787.3	CCR 2326.1(b)	Yes <u>No</u>	Requirements set in statute by Legislature.	<u>Internal</u> External None	0 <u>1</u> 2 3 4 5 6 7 8 9

\* Frequency of Assessment (in years) of prerequisites: Assessments are made yearly to ensure compliance with any new legislative requirements.

**Part 3: Estimate of the Costs and Personnel Required to Perform these Functions  
(Evaluation, Validation, and Development) [(Section 139(c)(4)]  
for Cemetery and Funeral Bureau**

Examination Cost Element	Current Fee Authority to Cover Costs		Covered by Other Than Fee Authority		Examination Related Function Enter actual or estimated costs for all applicable cost elements and each function below.				
	<u>Underline</u> Response	<u>Underline</u> Response	<u>Underline</u> Response	<u>Underline</u> Response	Occupational Analysis (Cost per Occurrence)	Ongoing Examination Development (Cost per Year)	Examination Administration (Cost per Year)	Program Evaluation (Cost per Occurrence)	TOTALS
Personnel Years	Yes <u>No</u>	<u>Yes</u> No	<u>Yes</u> No		1,886		18,243		\$20,129.00
Personnel Years - Overtime	Yes No	Yes No	Yes No						
Subject Matter Expert (SME)	Yes <u>No</u>	<u>Yes</u> No	<u>Yes</u> No		20,300				\$20,300.00
SME-Language Adaptation	Yes No	Yes No	Yes No						
Travel Per Diem	Yes <u>No</u>	<u>Yes</u> No	<u>Yes</u> No		11,207		320		\$11,527.00
Honoraria	Yes <u>No</u>	<u>Yes</u> No	<u>Yes</u> No						
Key Data Entry	Yes No	Yes No	Yes No						
Printing and Mailing	Yes <u>No</u>	<u>Yes</u> No	<u>Yes</u> No				1,115		\$1,115.00
Contracted Services: OER (IAC)	Yes <u>No</u>	<u>Yes</u> No	<u>Yes</u> No			66,672*			\$66,672.00
Contracted Services: Other	Yes No	Yes No	Yes No						
National Association	Yes No	Yes No	Yes No						
Other: Proctors	Yes <u>No</u>	<u>Yes</u> No	<u>Yes</u> No				1,376		\$1,376.00
Other:	Yes No	Yes No	Yes No						
<b>EXAM COST TOTALS:</b>					\$33,393.00	\$66,672.00	\$21,054.00		\$121,119.00

\*Cost reflects Cemetery Broker, Cemetery Manager, and Crematory Manager examination development.

# HEARING AID DISPENSERS BUREAU

REPORT AS REQUIRED BY SECTION 139(c)  
 OF THE BUSINESS AND PROFESSIONS CODE  
 PREPARED BY: *HEARING AID DISPENSERS BUREAU*  
 September 2007

Part 1: Examination Evaluation, Validation and Development [Section 139(c)(1)&(2); (d)]

Licensing Program	Type of Exam	Occupational Analysis (OA)			Examination Passing Score Methodology	Status of Test Development/ Validation	Comments
		Date of Last OA	Performed By	Date of Next Scheduled OA			
Hearing Aid Dispenser	Written and Practical	December 2006	OER	2011/2012	<u>Criterion-referenced methodology:</u>  Yes      No  <u>Specify methodology:</u>  Modified Angoff for written and practical examinations  <u>Other (specify methodology):</u>	Development of the practical examination is continuous. An updated practical examination will be implemented in February 2008.  Written examination development is continuous.	

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]  
for Hearing Aid Dispensers Bureau**

License Type	Prerequisites	Code or Regulation that Mandates		Prerequisites Are Supported by Most Recent Occupational Analysis (OA)	Prerequisites Are Justified By		Frequency of Assessment (in years)
		Statutory Code #	CCR#	Underline response	Describe methodology used to determine each prerequisite	<u>Underline</u> source of methodology	<u>Underline</u> appropriate number
Hearing Aid Dispenser	18 years of age	B&P 3354		Yes <u>No</u>	These prerequisites are legislatively mandated; no methodology is used to determine each prerequisite.	Internal External <u>None</u>	<u>0</u> 1 2 3 4 5 6 7 8 9
Hearing Aid Dispenser	High school diploma or equivalent	B&P 3354		<u>Yes</u> No	The Bureau analyzes data from subject matter experts, examination statistics, complaint statistics, accredited college surveys, and OA questionnaires to determine educational prerequisites.  Course work applicable to hearing aid dispensing is not widely available in accredited institutions at this time. To require additional educational requirements as a prerequisite would pose an undue burden on applicants entering the profession.	<u>Internal</u> <u>External</u> None	0 <u>1</u> 2 3 4 5 6 7 8 9

**Part 3: Estimate of the Costs and Personnel Required to Perform these Functions  
(Evaluation, Validation, and Development) [(Section 139(c)(4)]  
for Hearing Aid Dispensers Bureau**

Examination Cost Element	Current Fee Authority to Cover Costs		Covered by Other Than Fee Authority		Examination Related Function Enter actual or estimated costs for all applicable cost elements and each function below.				
	<u>Yes</u>	No	<u>Yes</u>	No	Occupational Analysis (Cost per Occurrence)	Ongoing Examination Development (Cost per Year)	Examination Administration (Cost per Year)	Program Evaluation (Cost per Occurrence)	TOTALS
Personnel Years	<u>Yes</u>	No	<u>Yes</u>	No		1,400	20,000		\$21,400.00
Personnel Years - Overtime	<u>Yes</u>	No	<u>Yes</u>	No					
Subject Matter Expert (SME)	<u>Yes</u>	No	<u>Yes</u>	No	*	*	3,768*		\$3,768.00
SME-Language Adaptation	<u>Yes</u>	No	<u>Yes</u>	No					
Travel Per Diem	<u>Yes</u>	No	<u>Yes</u>	No	1,420	9,220	20,000		\$30,640.00
Honoraria	<u>Yes</u>	No	<u>Yes</u>	No	1,000*	9,000*	8,100*		\$18,100.00
Key Data Entry	<u>Yes</u>	No	<u>Yes</u>	No	1,080				\$1,080.00
Printing and Mailing	<u>Yes</u>	No	<u>Yes</u>	No		100	400		\$500.00
Contracted Services: OER (IAC)	<u>Yes</u>	No	<u>Yes</u>	No	23,465	37,490			\$60,955.00
Contracted Services: Other	<u>Yes</u>	No	<u>Yes</u>	No			13,425		\$13,425.00
National Association	<u>Yes</u>	No	<u>Yes</u>	No					
Other: Proctors	<u>Yes</u>	No	<u>Yes</u>	No			1,500		\$1,500.00
Other: Room Contracts	<u>Yes</u>	No	<u>Yes</u>	No			4,885		\$4,885.00
Other: Supplies	<u>Yes</u>	No	<u>Yes</u>	No			1,500		\$1,500.00
<b>EXAM COST TOTALS:</b>					\$26,965.00	\$57,210.00	\$73,578.00		\$157,753 .00

\*Honoraria paid to Subject Matter Experts

# BUREAU OF NATUROPATHIC MEDICINE

REPORT AS REQUIRED BY SECTION 139(c)  
 OF THE BUSINESS AND PROFESSIONS CODE  
 PREPARED BY: *BUREAU OF NATUROPATHIC MEDICINE*  
 September 2007

Part 1: Examination Evaluation, Validation and Development [Section 139(c)(1)&(2); (d)]

Licensing Program	Type of Exam	Occupational Analysis (OA)			Examination Passing Score Methodology	Status of Test Development/ Validation	Comments
		Date of Last OA	Performed By	Date of Next Scheduled OA			
Naturopathic Doctor	Written	2005	Naturopathic Physicians Licensing Examination (NPLEX)	2015	<u>Criterion-referenced methodology:</u> Yes    No  <u>Specify methodology:</u> Modified Angoff  <u>Other (specify methodology):</u> With a compensatory model of passing standards	Examination development is consistent with professional testing guidelines.	Candidates for licensure are required to take and pass the NPLEX, which is administered by the North American Board of Naturopathic Examiners.

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]  
for Bureau of Naturopathic Medicine**

License Type	Prerequisites	Code or Regulation that Mandates		Prerequisites Are Supported by Most Recent Occupational Analysis (OA)	Prerequisites Are Justified By		Frequency of Assessment (in years)
		Statutory Code #	CCR#	Underline response	Describe methodology used to determine each prerequisite	<u>Underline</u> source of methodology	<u>Underline</u> appropriate number
Naturopathic Doctor	<p>For NPLEX Part I-Basic Science Examinations: Applicant must be currently enrolled in an approved naturopathic medical program and must have successfully completed training in the subjects of anatomy, physiology, biochemistry, microbiology, immunology, and pathology at an approved naturopathic medical program.</p> <p>For NPLEX Part 2: Applicant must have graduated from an approved naturopathic medical education program and must have passed the NPLEX Part I-Basic Science Examinations.</p>	B&P 3630 3631		Yes <u>No</u>	These prerequisites are legislatively mandated.	Internal <u>External</u> None	0 1 2 3 4 <u>5</u> 6 7 8 9

**Part 3: Estimate of the Costs and Personnel Required to Perform these Functions  
(Evaluation, Validation, and Development) [(Section 139(c)(4)]  
for Bureau of Naturopathic Medicine**

Examination Cost Element	Current Fee Authority to Cover Costs		Covered by Other Than Fee Authority		Examination Related Function Enter actual or estimated costs for all applicable cost elements and each function below.					
	<u>Underline</u> Response	<u>Underline</u> Response	<u>Underline</u> Response	<u>Underline</u> Response	Occupational Analysis (Cost per Occurrence)	Ongoing Examination Development (Cost per Year)	Examination Administration (Cost per Year)	Program Evaluation (Cost per Occurrence)	TOTALS	
Personnel Years	Yes No	Yes No	Yes No	Yes No						
Personnel Years - Overtime	Yes No	Yes No	Yes No	Yes No						
Subject Matter Expert (SME)	Yes No	Yes No	Yes No	Yes No						
SME-Language Adaptation	Yes No	Yes No	Yes No	Yes No						
Travel Per Diem	Yes No	Yes No	Yes No	Yes No						
Honoraria	Yes No	Yes No	Yes No	Yes No		The Bureau of Naturopathic Medicine (Bureau) has neither the authority to pay the costs associated with developing and administering the re-examination nor does it possess the funds to pay costs.				
Key Data Entry	Yes No	Yes No	Yes No	Yes No						
Printing and Mailing	Yes No	Yes No	Yes No	Yes No						
Contracted Services: (IAC)	Yes No	Yes No	Yes No	Yes No		The Bureau is seeking to eliminate the re-examination requirement through the legislative process.				
Contracted Services: Other	Yes No	Yes No	Yes No	Yes No						
National Association	Yes No	Yes No	Yes No	Yes No						
Other: Proctors	Yes No	Yes No	Yes No	Yes No						
Other: Room Contracts	Yes No	Yes No	Yes No	Yes No						
Other: Supplies	Yes No	Yes No	Yes No	Yes No						
EXAM COST TOTALS:										

# BUREAU OF SECURITY AND INVESTIGATIVE SERVICES

**REPORT AS REQUIRED BY SECTION 139(c)  
OF THE BUSINESS AND PROFESSIONS CODE  
PREPARED BY: BUREAU OF SECURITY AND INVESTIGATIVE SERVICES  
September 2007**

**Part 1: Examination Evaluation, Validation and Development [Section 139(c)(1)&(2); (d)]**

Licensing Program	Type of Exam	Occupational Analysis (OA)			Examination Passing Score Methodology	Status of Test Development/ Validation	Comments
		Date of Last OA	Performed By	Date of Next Scheduled OA			
Private Patrol Operator	Written	January 2004	OER	Not scheduled due to recent OA	<u>Criterion-referenced methodology:</u>	A new exam was developed in 1994 for Alarm Company Operators.  Examination development is on hold until a contract to create a new examination is implemented. The BSIS has contacted the OER with a request for a contract to perform examination development.	
Alarm Company Operator		August 2004	OER	Not scheduled due to recent OA	<u>Yes</u> No		
Private Investigator		January 2004	OER	Not scheduled due to recent OA	<u>Specify methodology:</u>  Modified Angoff		
Repossessor		August 2004	OER	Not scheduled due to recent OA	<u>Other (specify methodology):</u>		

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]  
for the Bureau of Security and Investigative Services**

License Type	Prerequisites	Code or Regulation that Mandates		Prerequisites Are Supported by Most Recent Occupational Analysis (OA)	Prerequisites Are Justified By		Frequency of Assessment (in years)
		Statutory Code #	CCR#	Underline response	Describe methodology used to determine each prerequisite	<u>Underline</u> source of methodology	<u>Underline</u> appropriate number
Private Patrol Operator	18 years of age or older; undergo a criminal history background check through the Department of Justice and the Federal Bureau of Investigation; 1 year of experience (2,000 hours) as a patrolperson, guard, or watchperson, or the equivalent thereof; a completed application with 2 recent passport-quality photographs, 2 fingerprint cards or Livescan, and application/exam fees	B&P 144 7582- 7583	CCR 601 620	Yes <u>No</u>	Employees review and analyze data.	<u>Internal</u> External None	0 1 <u>2</u> 3 4 5 6 7 8 9
Alarm Company Operator	18 years of age or older; undergo a criminal history background check through the Department of Justice and the Federal Bureau of Investigation; 2 years (4,000 hours) of paid experience in alarm company work or the equivalent thereof; a completed application with 2 recent passport-quality photographs, 2 fingerprint cards or Livescan, and application/exam fees	B&P 144 7599	CCR 601 620	Yes <u>No</u>	Employees review and analyze data.	<u>Internal</u> External None	0 1 <u>2</u> 3 4 5 6 7 8 9

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]  
for the Bureau of Security and Investigative Services**

License Type	Prerequisites	Code or Regulation that Mandates		Prerequisites Are Supported by Most Recent Occupational Analysis (OA)	Prerequisites Are Justified By		Frequency of Assessment (in years)
		Statutory Code #	CCR#	Underline response	Describe methodology used to determine each prerequisite	Underline source of methodology	Underline appropriate number
Private Investigator	18 years of age or older; undergo a criminal history background check through the Department of Justice and Federal Bureau of Investigation; have 3 years (2,000 hours each year, totaling 6,000 hours) of compensated experience in investigative work; or a law or police science degree plus 2 years (4,000 hours) of experience; or an AA degree in police science, criminal law, or justice plus 2-1/2 years (5,000 hours) of experience; a completed application with 2 recent passport-quality photographs, 2 fingerprint cards or Livescan, and application/exam fees	B&P 144 7525 7526 7541	CCR 601 620	Yes <u>No</u>	Employees review and analyze data.	<u>Internal</u> External None	0 1 <u>2</u> 3 4 5 6 7 8 9

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]  
for the Bureau of Security and Investigative Services**

License Type	Prerequisites	Code or Regulation that Mandates		Prerequisites Are Supported by Most Recent Occupational Analysis (OA)	Prerequisites Are Justified By		Frequency of Assessment (in years)
		Statutory Code #	CCR#	Underline response	Describe methodology used to determine each prerequisite	Underline source of methodology	Underline appropriate number
Repossessor	18 years of age or older; undergo a criminal history background check through the Department of Justice and the Federal Bureau of Investigation; 2 years (4,000 hours) of experience within the last 5 years as an employee of a licensed California repossession agency or 2 years (4,000 hours) of recent legally acquired experience recovering personal property sold under a security agreement in California while working as an employee of a financial institution or vehicle dealer; a completed application with 2 recent passport-quality photographs, 2 fingerprint cards or Livescan, and application/exam fees	B&P 7503 7504	CCR 601 620	Yes <u>No</u>	Employees review and analyze data.	<u>Internal</u> External None	0 1 <u>2</u> 3 4 5 6 7 8 9

**Part 3: Estimate of the Costs and Personnel Required to Perform these Functions  
(Evaluation, Validation, and Development) [(Section 139(c)(4)]  
for the Bureau of Security and Investigative Services**

Examination Cost Element	Current Fee Authority to Cover Costs		Covered by Other Than Fee Authority		Examination Related Function Enter actual or estimated costs for all applicable cost elements and each function below.				
	<u>Underline</u> Response	<u>Underline</u> Response	<u>Underline</u> Response	<u>Underline</u> Response	Occupational Analysis (Cost per Occurrence)	Ongoing Examination Development (Cost per Year)	Examination Administration (Cost per Year)	Program Evaluation (Cost per Occurrence)	TOTALS
Personnel Years	Yes <u>No</u>	<u>Yes</u> No			1,980	19,800	56,520		\$78,300.00
Personnel Years - Overtime	Yes No	Yes No							
Subject Matter Expert (SME)	Yes <u>No</u>	<u>Yes</u> No			86,400	1,003,520			\$1,089,920.00
SME-Language Adaptation	Yes No	Yes No							
Travel Per Diem	Yes <u>No</u>	<u>Yes</u> No			1,320	15,840	24,934		\$42,094.00
Honoraria	Yes No	Yes No							
Key Data Entry	Yes <u>No</u>	<u>Yes</u> No			2,000				\$2,000.00
Printing and Mailing	Yes <u>No</u>	<u>Yes</u> No			2,460	5,840	19,681		\$27,981.00
Contracted Services: OER (IAC)	Yes <u>No</u>	<u>Yes</u> No			43,812	103,984	2,921		\$150,717.00
Contracted Services: Other	Yes No	Yes No							
National Association	Yes No	Yes No							
Other: Proctors	Yes <u>No</u>	<u>Yes</u> No					22,534		\$22,534.00
Other: Room Contracts	Yes <u>No</u>	<u>Yes</u> No					2,915		\$2,915.00
<b>EXAM COST TOTALS:</b>					\$137,972.00	\$1,148,984.00	\$129,505.00		\$1,416,461.00

# BOARD OF ACCOUNTANCY

REPORT AS REQUIRED BY SECTION 139(c)  
 OF THE BUSINESS AND PROFESSIONS CODE  
 PREPARED BY: *BOARD OF ACCOUNTANCY*  
 September 2007

Part 1: Examination Evaluation, Validation and Development [Section 139(c)(1)&(2); (d)]

Licensing Program	Type of Exam	Occupational Analysis (OA)			Examination Passing Score Methodology	Status of Test Development/ Validation	Comments
		Date of Last OA	Performed By	Date of Next Scheduled OA			
Accountant	Computerized	January 2001	The American Institute of Certified Public Accountants (AICPA)	2007	<u>Criterion-referenced methodology:</u>  Yes <u>No</u>  <u>Specify methodology:</u>   <u>Other (specify methodology):</u>  Candidate-Centered Methodology	Comprehensive Practice Analysis of the CPA report completed January 2001.  Exam content specifications are reviewed quarterly.	

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]  
for the Board of Accountancy**

License Type	Prerequisites	Code or Regulation that Mandates		Prerequisites Are Supported by Most Recent Occupational Analysis (OA)	Prerequisites Are Justified By		Frequency of Assessment (in years)
		Statutory Code #	CCR#	Underline response	Describe methodology used to determine each prerequisite	<u>Underline</u> source of methodology	<u>Underline</u> appropriate number
Certified Public Accountant	B.A. degree with 24 semester units in accounting and 24 semester units in business-related subjects	B&P 5092	CCR Title 16 Division 1 Article 2	<u>Yes</u> No	Board staff and outside consultant evaluate pre-requisites as needed.	<u>Internal</u> <u>External</u> None	0 1 2 3 4 5 6 7 8 9* *As needed
	B.A. degree with 10 semester units in accounting; 35 semester units in business-related subjects, or 120 semester hours of education; 10 semester units in accounting; 35 semester units in business-related subjects	B&P 5093					
	Successful completion of 2 preliminary examinations provided by the College Level Examination Program (CLEP) and 10 semester units in accounting from an accredited college or university	B&P* 5081.1					

\*B&P 5081.1 applies only to candidates who have sat for 2 sections of the CPA Exam as California candidates before May 15, 2002.

**Part 3: Estimate of the Costs and Personnel Required to Perform these Functions  
(Evaluation, Validation, and Development) [(Section 139(c)(4)]  
for the Board of Accountancy**

Examination Cost Element	Current Fee Authority to Cover Costs		Covered by Other Than Fee Authority		Examination Related Function Enter actual or estimated costs for all applicable cost elements and each function below.				
	<u>Underline</u> Response  F*		<u>Underline</u> Response		Occupational Analysis (Cost per Occurrence) D*	Ongoing Examination Development (Cost per Year) D*	Examination Administration (Cost per Year) A*	Program Evaluation (Cost per Occurrence) E*	TOTALS
Personnel Years	<u>Yes</u> No		Yes <u>No</u>				409,477		\$409,477.00
Personnel Years - Overtime	<u>Yes</u> No		Yes <u>No</u>				477		\$477.00
Subject Matter Expert (SME)	Yes No		Yes No						
SME-Language Adaptation	Yes No		Yes No						
Travel Per Diem	<u>Yes</u> No		Yes <u>No</u>				118		\$118.00
Honoraria	Yes No		Yes No						
Key Data Entry B*	Yes No		Yes No						
Printing and Mailing	<u>Yes</u> No		Yes <u>No</u>				8,582		\$8,582.00
Contracted Services	Yes No		Yes No						
Contracted Services Other	<u>Yes</u> No		Yes <u>No</u>						
National Association G*	<u>Yes</u> No		Yes <u>No</u>				63,082		\$63,082.00
Other: OE&E C*	<u>Yes</u> No		Yes <u>No</u>				172,005		\$172,005.00
<b>EXAM COST TOTALS:</b>							<b>\$653,737</b>		<b>\$653,737.00</b>
<b>FOOTNOTES*</b>					<p>A Based on total fiscal year 2006/2007 expenditures.</p> <p>B Costs are included in the Personnel Years costs.</p> <p>C All other operating expenses including departmental pro rata charges.</p> <p>D These functions are performed by the AICPA. Although the Board does not contract directly with the AICPA, a small portion of the examination fees that the Board pays to the National Association of State Boards of Accountancy (NASBA) support these activities. The majority of the funds supporting these activities are derived from fees paid to NASBA directly by examination candidates.</p> <p>E This function is performed by the Board, AICPA, Prometric, and NASBA and is a continual ongoing process; its costs are not measured per occurrence. Although the Board does not contract directly with the AICPA or Prometric, a small portion of the examination fees the Board pays to NASBA support these activities. The majority of funds supporting these activities are derived from fees paid to NASBA directly by examination candidates.</p> <p>F Authority cited Sections 5131 and 5134, Business and Professions Code.</p> <p>G The examination fees paid to NASBA represent all contracted services. These fees support all examination related functions.</p>				

# ACUPUNCTURE BOARD

REPORT AS REQUIRED BY SECTION(c)  
OF THE BUSINESS AND PROFESSIONS CODE  
PREPARED BY: *ACUPUNCTURE BOARD*  
September 2007

Part 1: Examination Evaluation, Validation and Development [Section 139(c)(1)&(2); (d)]

Licensing Program	Type of Exam	Occupational Analysis (OA)			Examination Passing Score Methodology	Status of Test Development/ Validation	Comments
		Date of Last OA	Performed By	Date of Next Scheduled OA			
Acupuncture	Written	November 2001	OER	Currently being performed	<u>Criterion-referenced methodology:</u> Yes    No  <u>Specify methodology:</u> Modified Angoff  <u>Other (specify methodology):</u>	The OER assumed responsibility for test development in July 1999. Test development is in process and ongoing.	

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]  
for the Acupuncture Board**

License Type	Prerequisites	Code or Regulation that Mandates		Prerequisites Are Supported by Most Recent Occupational Analysis (OA)	Prerequisites Are Justified By		Frequency of Assessment (in years)
		Statutory Code #	CCR#	Underline response	Describe methodology used to determine each prerequisite	<u>Underline</u> source of methodology	<u>Underline</u> appropriate number
Acupuncture	18 years of age, and successful completion of a board-approved educational and training program, or completion of a tutorial program or foreign equivalency	B&P 4938 4939 4940	CCR 1399.420 1399.432 1399.436 1399.439	<u>Yes</u> No	Board staff annually reviews laws and regulations for appropriateness and possible changes for the next year.	<u>Internal</u> External None	0 <u>1</u> 2 3 4 5 6 7 8 9

**Part 3: Estimate of the Costs and Personnel Required to Perform these Functions  
(Evaluation, Validation, and Development) [(Section 139(c)(4)]  
for the Acupuncture Board**

Examination Cost Element	Current Fee Authority to Cover Costs		Covered by Other Than Fee Authority		Examination Related Function Enter actual or estimated costs for all applicable cost elements and each function below.				
	<u>Underline</u> Response	<u>Underline</u> Response	<u>Underline</u> Response	<u>Underline</u> Response	Occupational Analysis (Cost per Occurrence)	Ongoing Examination Development (Cost per Year)	Examination Administration (Cost per Year)	Program Evaluation (Cost per Occurrence)	TOTALS
Personnel Years	Yes No	Yes No	Yes No	Yes No					
Personnel Years - Overtime	Yes No	Yes No	Yes No	Yes No					
Subject Matter Expert (SME)	<u>Yes</u> No	Yes <u>No</u>	Yes <u>No</u>	Yes No		73,473			\$73,473.00
SME-Language Adaptation	Yes No	Yes No	Yes No	Yes No					
Travel Per Diem	Yes No	Yes No	Yes No	Yes No					
Honoraria	Yes No	Yes No	Yes No	Yes No					
Key Data Entry	Yes No	Yes No	Yes No	Yes No					
Printing and Mailing	Yes No	Yes No	Yes No	Yes No					
Contracted Services: OER (IAC)	<u>Yes</u> No	Yes <u>No</u>	Yes <u>No</u>	Yes No	41,970	220,701			\$262,671.00
Contracted Services: Other	<u>Yes</u> No	Yes <u>No</u>	Yes <u>No</u>	Yes No			204,802		\$204,802.00
National Association	Yes No	Yes No	Yes No	Yes No					
Other:	Yes No	Yes No	Yes No	Yes No					
<b>EXAM COST TOTALS:</b>					\$41,970.00	\$294,174.00	\$204,802.00		\$540,946.00

# BOARD OF BARBERING AND COSMETOLOGY

REPORT AS REQUIRED BY SECTION 139(c)  
 OF THE BUSINESS AND PROFESSIONS CODE  
 PREPARED BY: *BOARD OF BARBERING AND COSMETOLOGY*  
 September 2007

**Part 1: Examination Evaluation, Validation and Development [Section 139(c)(1)&(2); (d)]**

Licensing Program	Type of Exam	Occupational Analysis (OA)			Examination Passing Score Methodology	Status of Test Development/ Validation	Comments
		Date of Last OA	Performed By	Date of Next Scheduled OA			
Barber	Written and Practical	2005	OER	An OA is not scheduled at this time.	<u>Criterion-referenced methodology:</u> Yes <u>No</u>  <u>Specify methodology:</u>   <u>Other (specify methodology):</u> Specified in regulation	The manicurist English and Vietnamese exam was completed in 2005/2006.  The esthetician exam was completed in 2005/2006 and is pending implementation.  The barber, cosmetologist, and electrologist exams are to be completed in 2007/2008 and 2008/2009.	
Cosmetologist		2005					
Manicurist		2003					
Esthetician							
Electrologist							

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]  
for the Board of Barbering and Cosmetology**

License Type	Prerequisites	Code or Regulation that Mandates		Prerequisites Are Supported by Most Recent Occupational Analysis (OA)	Prerequisites Are Justified By		Frequency of Assessment (in years)
		Statutory Code #	CCR#	Underline response	Describe methodology used to determine each prerequisite	Underline source of methodology	Underline appropriate number
Barber	17 years of age; 10 <sup>th</sup> grade; not subject to denial to \$480; training/experience as specified by Board	B&P 7321	CCR 909 910 924	Yes <u>No*</u>	Subject Matter Experts, Industry Task Force	<u>Internal</u> External None	0 1 2 3 4 <u>5</u> 6 7 8 9
Cosmetologist	17 years of age; 10 <sup>th</sup> grade; not subject to denial to \$480; training/experience as specified by Board	B&P 7321	CCR 909 910 924	Yes <u>No*</u>	Subject Matter Experts, Industry Task Force	<u>Internal</u> External None	0 1 2 3 4 <u>5</u> 6 7 8 9
Manicurist	17 years of age; 10 <sup>th</sup> grade; not subject to denial to \$480; training/experience as specified by Board	B&P 7326	CCR 909 910	Yes <u>No*</u>	Subject Matter Experts, Industry Task Force	<u>Internal</u> External None	0 1 2 3 4 <u>5</u> 6 7 8 9
Esthetician	17 years of age; 10 <sup>th</sup> grade; not subject to denial to \$480; training/experience as specified by Board	B&P 7324	CCR 909 910	Yes <u>No*</u>	Subject Matter Experts, Industry Task Force	<u>Internal</u> External None	0 1 2 3 4 <u>5</u> 6 7 8 9
Electrologist	17 years of age; 12 <sup>th</sup> grade; not subject to denial to \$480; training/experience as specified by Board	B&P 7330	CCR 909 910 924	Yes <u>No*</u>	Subject Matter Experts, Industry Task Force	<u>Internal</u> External None	0 1 2 3 4 <u>5</u> 6 7 8 9

\*The OAs have been completed, but a formal review to determine whether the results support the established prerequisites has not yet been performed.

**Part 3: Estimate of the Costs and Personnel Required to Perform these Functions  
(Evaluation, Validation, and Development) [(Section 139(c)(4)]  
for the Board of Barbering and Cosmetology**

Examination Cost Element	Current Fee Authority to Cover Costs		Covered by Other Than Fee Authority		Examination Related Function Enter actual or estimated costs for all applicable cost elements and each function below.				
	<u>Underline</u> Response	<u>Underline</u> Response	<u>Underline</u> Response	<u>Underline</u> Response	Occupational Analysis (Cost per Occurrence)	Ongoing Examination Development (Cost per Year)	Examination Administration (Cost per Year)	Program Evaluation (Cost per Occurrence)	TOTALS
Personnel Years	Yes <u>No</u>	<u>Yes</u> No				11,997	1,282,245		\$1,294,242.00
Personnel Years – Overtime	Yes No	Yes No							
Subject Matter Expert (SME)	Yes <u>No</u>	<u>Yes</u> No							
SME-Language Adaptation	Yes No	Yes No							
Travel Per Diem	Yes <u>No</u>	<u>Yes</u> No					3,165		\$3,165.00
Honoraria	Yes No	Yes No							
Key Data Entry	Yes No	Yes No							
Printing and Mailing	Yes <u>No</u>	<u>Yes</u> No					21,100		\$21,100.00
Contracted Services: OER (IAC)	Yes <u>No</u>	<u>Yes</u> No							
Contracted Services: Other	Yes <u>No</u>	<u>Yes</u> No					1,719,984		\$1,719,984.00
National Association	Yes No	Yes No							
Other: Exam Site Contracts	Yes <u>No</u>	<u>Yes</u> No					535,012		\$535,012.00
Other: General expenses, communications, exam supplies	Yes <u>No</u>	<u>Yes</u> No					45,742		\$45,742.00
<b>EXAM COST TOTALS:</b>						\$11,997.00	\$3,607,248.00		\$3,619,245.00*

\*Total cost is based on automated written examinations and practical examinations (fiscal year 2005/2006).

# BOARD OF BEHAVIORAL SCIENCES

REPORT AS REQUIRED BY SECTION 139(c)  
 OF THE BUSINESS AND PROFESSIONS CODE  
 PREPARED BY: *BOARD OF BEHAVIORAL SCIENCES*  
 September 2007

Part 1: Examination Evaluation, Validation and Development [Section 139(c)(1)&(2); (d)]

Licensing Program	Type of Exam	Occupational Analysis (OA)			Examination Passing Score Methodology	Status of Test Development/Validation	Comments
		Date of Last OA	Performed By	Date of Next Scheduled OA			
Licensed Clinical Social Worker (LCSW)	Standard Written Clinical Vignette	January 2005	OER	Not scheduled due to recent OA	<u>Criterion-referenced methodology:</u>  Yes    No	The OER develops and validates both the clinical vignette and standard written exams on a continuous basis.	Written exams are administered using the department's automated exam vendor.
Licensed Educational Psychologist (LEP)	Written	June 2003	OER	Tentative 2008	<u>Specify methodology:</u>  Modified Angoff	Written exam only. The OER develops and validates on a continuous basis.	
Marriage and Family Therapist (MFT)	Standard Written Clinical Vignette	June 2002	OER	In process	<u>Other (specify methodology):</u>	The OER develops and validates both the clinical vignette and standard written exams on a continuous basis.	

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]  
for the Board of Behavioral Sciences**

License Type	Prerequisites	Code or Regulation that Mandates		Prerequisites Are Supported by Most Recent Occupational Analysis (OA)	Prerequisites Are Justified By		Frequency of Assessment (in years)
		Statutory Code #	CCR#	Underline response	Describe methodology used to determine each prerequisite	<u>Underline</u> source of methodology	<u>Underline</u> appropriate number
LCSW	M.A. in social work; 2 years (3,200 hours) of supervised post-master's degree experience; completion of specific coursework	B&P 4996.2		<u>Yes</u> No	Regulatory review (every year) and occupational analysis (every five years)	<u>Internal</u> <u>External</u> None	0 <u>1</u> 2 3 4 5 6 7 8 9
LEP	M.A.; 3 years of full-time experience as a credentialed school psychologist; 1 year supervised experience	B&P 4989.20		<u>Yes</u> No	Regulatory review (every year) and occupational analysis (every five years)	<u>Internal</u> <u>External</u> None	0 <u>1</u> 2 3 4 5 6 7 8 9
MFT	M.A. or doctor's degree; 2 years (3,000 hours) of supervised experience; completion of specific coursework	B&P 4980.37 4980.40 4980.41 4980.43		<u>Yes</u> No	Regulatory review (every year) and occupational analysis (every five years)	<u>Internal</u> <u>External</u> None	0 <u>1</u> 2 3 4 5 6 7 8 9

**Part 3: Estimate of the Costs and Personnel Required to Perform these Functions  
(Evaluation, Validation, and Development) [(Section 139(c)(4)]  
for the Board of Behavioral Sciences**

Examination Cost Element	Current Fee Authority to Cover Costs		Covered by Other Than Fee Authority		Examination Related Function Enter actual or estimated costs for all applicable cost elements and each function below. *Occupational Analysis - Every 5 years				
	<u>Underline</u> Response	No	<u>Underline</u> Response	No	Occupational Analysis* (Cost per Occurrence)	Ongoing Examination Development (Cost per Year)	Examination Administration (Cost per Year)	Program Evaluation (Cost per Occurrence)	TOTALS
Personnel Years	<u>Yes</u>	No	Yes	<u>No</u>	48,000	151,000	187,000	1,000	\$387,000.00
Personnel Years - Overtime	<u>Yes</u>	No	Yes	<u>No</u>					
Subject Matter Expert (SME)	<u>Yes</u>	No	Yes	<u>No</u>	20,000	185,000			\$205,000.00
SME-Language Adaptation	<u>Yes</u>	No	Yes	<u>No</u>					
Travel Per Diem	<u>Yes</u>	No	Yes	<u>No</u>	8,000	80,000			\$88,000.00
Honoraria	Yes	No	Yes	No					
Key Data Entry	<u>Yes</u>	No	Yes	<u>No</u>	8,000				\$8,000.00
Printing and Mailing	<u>Yes</u>	No	Yes	<u>No</u>	3,000	7,000	8,000		\$18,000.00
Contracted Services: OER (IAC)	<u>Yes</u>	No	Yes	<u>No</u>	60,000	213,000		1,000	\$274,000.00
Contracted Services: Psychological Services LLC (PSI)	<u>Yes</u>	No	Yes	<u>No</u>			382,297		\$382,297.00
National Association	<u>Yes</u>	No	Yes	<u>No</u>					
Other: Room Contracts	<u>Yes</u>	No	Yes	<u>No</u>	5,000	107,415			\$112,415.00
Other: Supplies	<u>Yes</u>	No	Yes	<u>No</u>	1,000	1,700	2,000		\$4,700.00
<b>EXAM COST TOTALS:</b>					\$153,000.00	\$745,115.00	\$579,297.00	\$2,000.00	\$1,479,412.00

CALIFORNIA ARCHITECTS BOARD  
(LANDSCAPE ARCHITECTS TECHNICAL  
COMMITTEE)

REPORT AS REQUIRED BY SECTION 139(c)  
 OF THE BUSINESS AND PROFESSIONS CODE  
 PREPARED BY: CALIFORNIA ARCHITECTS BOARD  
 September 2007

Part 1: Examination Evaluation, Validation and Development [Section 139(c)(1)&(2); (d)]

Licensing Program	Type of Exam	Occupational Analysis (OA)			Examination Passing Score Methodology	Status of Test Development/ Validation	Comments
		Date of Last OA	Performed By	Date of Next Scheduled OA			
Architect	Written	January 2001	The Chauncey Group International	2007	Criterion-referenced Methodology: <u>Yes</u> No  Specify methodology: Modified Angoff  <u>Other (specify methodology):</u>	A new test plan will be implemented based on the results of the 2007 OA.	The Board administers two exam programs: a national written exam (the Architect Registration Examination) and a California-specific oral exam (the California Supplemental Examination).
	Oral	October 2001	Human Resources Research Organization	2007	Criterion-referenced Methodology: <u>Yes</u> No  Specify methodology: Modified Angoff  <u>Other (specify methodology):</u>	New items will be written in 2008 for implementation beginning 2009.	

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]  
for the California Architects Board**

License Type	Prerequisites	Code or Regulation that Mandates		Prerequisites Are Supported by Most Recent Occupational Analysis (OA)	Prerequisites Are Justified By		Frequency of Assessment  (in years)
		Statutory Code #	CCR#	Underline response	Describe methodology used to determine each prerequisite	<u>Underline</u> source of methodology	<u>Underline</u> appropriate number
Architect	Architect Registration Examination -- Five years of education and/or work experience under an architect  California Supplemental Examination -- Eight years of education and/or work experience	B&P 5550 5552	CCR 116	<u>Yes</u> No	The Professional Qualifications Committee reviews prerequisites and any relevant data and determines appropriateness on an on-going basis. This applies to both exams.	<u>Internal</u> External None	0 1* 2 3 4 5 6 7 8 9 *Ongoing - as needed

**Part 3: Estimate of the Costs and Personnel Required to Perform these Functions  
(Evaluation, Validation, and Development) [(Section 139(c)(4)]  
for the California Architects Board**

Examination Cost Element	Current Fee Authority to Cover Costs		Covered by Other Than Fee Authority		Examination Related Function Enter actual or estimated costs for all applicable cost elements and each function below.				
	<u>Underline</u> Response	Response	<u>Underline</u> Response	Response	Occupational Analysis (Cost per Occurrence)	Ongoing Examination Development (Cost per Year)	Examination Administration (Cost per Year)	Program Evaluation (Cost per Occurrence)	TOTALS
Personnel Years	<u>Yes</u> No	Yes <u>No</u>	Yes <u>No</u>		6,200	3,000	12,000		\$21,200.00
Personnel Years - Overtime	Yes No	Yes No	Yes No						
Subject Matter Expert (SME)	<u>Yes</u> No	Yes <u>No</u>	Yes <u>No</u>		7,155	2,500	69,960		\$79,615.00
SME-Language Adaptation	Yes No	Yes No	Yes No						
Travel Per Diem SME	<u>Yes</u> No	Yes <u>No</u>	Yes <u>No</u>		33,770	10,500	68,900		\$113,170.00
Honoraria	Yes No	Yes No	Yes No						
Key Data Entry	Yes No	Yes No	Yes No						
Printing and Mailing	<u>Yes</u> No	Yes <u>No</u>	Yes <u>No</u>		Covered in PMES contract.		5,000		\$5,000.00
Contracted Services: OER	Yes No	Yes No	Yes No						
Contracted Services: PMES/CSE	<u>Yes</u> No	Yes <u>No</u>	Yes <u>No</u>						
National Association	Yes No	Yes No	Yes No		All costs are covered through national organization (NCARB).				
Other: Consultants Exam Dev.	<u>Yes</u> No	Yes <u>No</u>	Yes <u>No</u>		169,139	26,017			\$195,156.00
Other: Consultants Exam Admin.	<u>Yes</u> No	Yes <u>No</u>	Yes <u>No</u>				117,398		\$117,398.00
Other: Proctors	<u>Yes</u> No	Yes <u>No</u>	Yes <u>No</u>				13,000		\$13,000.00
Other: Room Contracts	<u>Yes</u> No	Yes <u>No</u>	Yes <u>No</u>				110,000		\$110,000.00
<b>EXAM COST TOTALS:</b>					<b>\$216,264</b>	<b>\$42,017.00</b>	<b>\$396,258.00</b>		<b>\$654,539.00</b>

LANDSCAPE ARCHITECTS  
TECHNICAL COMMITTEE

REPORT AS REQUIRED BY SECTION 139(c)  
OF THE BUSINESS AND PROFESSIONS CODE  
PREPARED BY: *LANDSCAPE ARCHITECTS TECHNICAL COMMITTEE*  
September 2007

Part 1: Examination Evaluation, Validation and Development [Section 139(c)(1)&(2); (d)]

Licensing Program	Type of Exam	Occupational Analysis (OA)			Examination Passing Score Methodology	Status of Test Development/ Validation	Comments
		Date of Last OA	Performed By	Date of Next Scheduled OA			
Landscape Architect	Written	2006	Thompson Prometric	2011	<u>Criterion-referenced methodology:</u>  Yes      No  <u>Specify methodology:</u>  Modified Angoff	The Council of Landscape Architectural Registration Boards (CLARB) ensures the validity of the exam by following the standards of the American Psychological Testing Group and by sending the exam for periodic external audits to outside consulting firms and professional testing groups.  The LATC is developing its California Supplemental Examination. The examination is scheduled for completion in June 2007.	Applicants must take and pass a national exam developed by CLARB. Additionally, applicants must take and pass a California Supplemental Examination.  In 1997 the former Board of Landscape Architects (BLA) was sunsetted. In 1998, the LATC developed a California Supplemental Examination based on the occupational analysis completed in 1994 by the former BLA.
		2006	OER	2011	<u>Other (specify methodology):</u>		

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]  
for the Landscape Architects Technical Committee**

License Type	Prerequisites	Code or Regulation that Mandates		Prerequisites Are Supported by Most Recent Occupational Analysis (OA)	Prerequisites Are Justified By		Frequency of Assessment (in years)
		Statutory Code #	CCR#	Underline response	Describe methodology used to determine each prerequisite	<u>Underline</u> source of methodology	<u>Underline</u> appropriate number
Landscape Architect	6 years of training and education	B&P 5650 5651	CCR 2610 2615 2620 2621	<u>Yes</u> No	The LATC reviews prerequisites and any relevant data to determine appropriateness.	<u>Internal</u> External None	0 <u>1</u> * 2 3 4 5 6 7 8 9 *Ongoing as needed

**Part 3: Estimate of the Costs and Personnel Required to Perform these Functions  
(Evaluation, Validation, and Development) [(Section 139(c)(4)]  
for the Landscape Architects Technical Committee**

Examination Cost Element	Current Fee Authority to Cover Costs		Covered by Other Than Fee Authority		Examination Related Function Enter actual or estimated costs for all applicable cost elements and each function below.				
	<u>Underline</u> Response		<u>Underline</u> Response		Occupational Analysis (Cost per Occurrence)	Ongoing Examination Development (Cost per Year)	Examination Administration (Cost per Year)	Program Evaluation (Cost per Occurrence)	TOTALS
Personnel Years	<u>Yes</u>	No	Yes	<u>No</u>	15,000	4,000	57,000	1,000	\$77,000.00
Personnel Years - Overtime	Yes	No	Yes	No					
Subject Matter Expert (SME)	Yes	No	Yes	No					
SME-Language Adaptation	Yes	No	Yes	No					
Travel Per Diem	<u>Yes</u>	No	Yes	<u>No</u>	20,000	20,000	3,000		\$43,000.00
Honoraria	Yes	No	Yes	No					
Key Data Entry	Yes	No	Yes	No					
Printing and Mailing	<u>Yes</u>	No	Yes	<u>No</u>	1,000	1,000	1,500		\$3,500.00
Contracted Services: OER (IAC)	Yes	No	Yes	No					
Contracted Services: Other	Yes	No	Yes	No	17,000	20,000			\$37,000.00
National Association	Yes	No	Yes	No	LARE: All costs are covered through national organization (CLARB).				
Other: Proctors	<u>Yes</u>	No	Yes	<u>No</u>			4,000		\$4,000.00
Other: Room Contractors	Yes	<u>No</u>	<u>Yes</u>	No			19,000		\$19,000.00
<b>EXAM COST TOTALS:</b>					\$53,000.00	\$45,000.00	\$84,500.00	\$1,000.00	\$183,500.00

# CONTRACTORS STATE LICENSE BOARD

REPORT AS REQUIRED BY SECTION 139(c)  
OF THE BUSINESS AND PROFESSIONS CODE  
PREPARED BY: *CONTRACTORS STATE LICENSE BOARD*  
September 2007

Part 1: Examination Evaluation, Validation and Development [Section 139(c)(1)&(2); (d)]

Licensing Program	Type of Exam	Occupational Analysis (OA)			Examination Passing Score Methodology	Status of Test Development/ Validation	Comments
		Date of Last OA	Performed By	Date of Next Scheduled OA			
Law and Business	Written	2004	Contractors State License Board (CSLB)	2009	<u>Criterion-referenced methodology:</u>  Yes    No  <u>Specify methodology:</u>  Modified Angoff  <u>Other (specify methodology):</u>	CSLB conducts workshops wherein subject matter experts (SMEs) review the exam.	
Asbestos Certification		2005	CSLB	2011		CSLB conducts workshops wherein SMEs review the exam.	
Hazardous Certification		2007	CSLB	2012		CSLB conducts workshops wherein SMEs review the exam.	
A (General Engineering)		2003	CSLB	2008		CSLB conducts workshops wherein SMEs review the exam.	
B (General Building)		2004	CSLB	2009		CSLB conducts workshops wherein SMEs review the exam.	

**Part 1: Examination Evaluation, Validation and Development [Section 139(c)(1)&(2); (d)]**

Licensing Program	Type of Exam	Occupational Analysis (OA)			Examination Passing Score Methodology	Status of Test Development/ Validation	Comments
		Date of Last OA	Performed By	Date of Next Scheduled OA			
C-2 (Insulation and Acoustical)	Written	2006	CSLB	2011	<u>Criterion-referenced methodology:</u>  Yes    No  <u>Specify methodology:</u>  Modified Angoff  <u>Other(specify methodology):</u>	CSLB conducts workshops wherein SMEs review the exam.	
C-4 (Boiler, Hot Water Heating and Steam Fitting)		2006	CSLB	2011		CSLB conducts workshops wherein SMEs review the exam.	
C-5 (Framing & Rough Carpentry)		2007	CSLB	2012		CSLB conducts workshops wherein SMEs review the exam.	
C-6 (Cabinet, Millwork & Finish Carpentry)		2003	CSLB	2009		CSLB conducts workshops wherein SMEs review the exam.	
C-7 (Low Voltage Systems)		2005	CSLB	2010		CSLB conducts workshops wherein SMEs review the exam.	
C-8 (Concrete)		2005	CSLB	2010		CSLB conducts workshops wherein SMEs review the exam.	
C-9 (Drywall)		2005	CSLB	2010		CSLB conducts workshops wherein SMEs review the exam.	
C-10 (Electrical)		2004	CSLB	2008		CSLB conducts workshops wherein SMEs review the exam.	

**Part 1: Examination Evaluation, Validation and Development [Section 139(c)(1)&(2); (d)]**

Licensing Program	Type of Exam	Occupational Analysis (OA)			Examination Passing Score Methodology	Status of Test Development/ Validation	Comments
		Date of Last OA	Performed By	Date of Next Scheduled OA			
C-11 (Elevator)	Written	2002	CSLB	2009	Criterion-referenced methodology:  Yes    No  <u>Specify methodology:</u>  Modified Angoff  <u>Other (specify methodology):</u>	CSLB conducts workshops wherein SMEs review the exam.	
C-12 (Earthwork and Paving)		2006	CSLB	2011		CSLB conducts workshops wherein SMEs review the exam.	
C-13 (Fencing)		2002	CSLB	2008		CSLB conducts workshops wherein SMEs review the exam.	
C-15 (Flooring and Floor Covering)		2002	ICBO	2008		CSLB conducts workshops wherein SMEs review the exam.	
C-16 (Fire Protection)		2007	CSLB	2012		CSLB conducts workshops wherein SMEs review the exam.	
C-17 (Glazing)		2005	CSLB	2010		CSLB conducts workshops wherein SMEs review the exam.	

**Part 1: Examination Evaluation, Validation and Development [Section 139(c)(1)&(2); (d)]**

Licensing Program	Type of Exam	Occupational Analysis (OA)			Examination Passing Score Methodology	Status of Test Development/ Validation	Comments
		Date of Last OA	Performed By	Date of Next Scheduled OA			
C-20 (Warm Air Heating, Ventilating and Air Conditioning)	Written	2004	CSLB	2009	<u>Criterion-referenced methodology:</u>  Yes    No  <u>Specify methodology:</u>  Modified Angoff  <u>Other (specify methodology):</u>	CSLB conducts workshops wherein SMEs review the exam.	
C-21 (Building, Moving and Demolition)		2007	CSLB	2012		CSLB conducts workshops wherein SMEs review the exam.	
C-23 (Ornamental Metals)		2002	CSLB	2008		CSLB conducts workshops wherein SMEs review the exam.	
C-27 (Landscaping)		2004	CSLB	2009		CSLB conducts workshops wherein SMEs review the exam.	
C-28 (Lock and Security Equipment)		2002	CSLB	2008		CSLB conducts workshops wherein SMEs review the exam. Last review occurred in 1996.	
C-29 (Masonry)		2005	CSLB	2010		CSLB conducts workshops wherein SMEs review the exam.	
C-31 (Traffic Control)		2004	CSLB	2010		CSLB conducts workshops wherein SMEs review the exam.	

**Part 1: Examination Evaluation, Validation and Development [Section 139(c)(1)&(2); (d)]**

Licensing Program	Type of Exam	Occupational Analysis (OA)			Examination Passing Score Methodology	Status of Test Development/ Validation	Comments
		Date of Last OA	Performed By	Date of Next Scheduled OA			
C-32 (Parking and Highway Improvement)	Written	2005	CSLB	2010	<u>Criterion-referenced methodology:</u>  Yes    No  <u>Specify methodology:</u>  Modified Angoff  <u>Other (specify methodology):</u>	CSLB conducts workshops wherein SMEs review the exam.	
C-33 (Painting and Decorating)		2004	CSLB	2009		CSLB conducts workshops wherein SMEs review the exam.	
C-34 (Pipeline)		2007	CSLB	2012		CSLB conducts workshops wherein SMEs review the exam.	
C-35 (Lathing and Plastering)		2003	CSLB	2008		CSLB conducts workshops wherein SMEs review the exam.	
C-36 (Plumbing)		2004	CSLB	2009		CSLB conducts workshops wherein SMEs review the exam.	
C-38 (Refrigeration)		2002	CSLB	2008		CSLB conducts workshops wherein SMEs review the exam.	
C-39 (Roofing)		2004	CSLB	2009		CSLB conducts workshops wherein SMEs review the exam.	

**Part 1: Examination Evaluation, Validation and Development [Section 139(c)(1)&(2); (d)]**

Licensing Program	Type of Exam	Occupational Analysis (OA)			Examination Passing Score Methodology	Status of Test Development/ Validation	Comments
		Date of Last OA	Performed By	Date of Next Scheduled OA			
C-42 (Sanitation System)	Written	2007	CSLB	2012	<u>Criterion-referenced methodology:</u>  Yes    No  <u>Specify methodology:</u>  Modified Angoff  <u>Other (specify methodology):</u>	CSLB conducts workshops wherein SMEs review the exam.	
C-43 (Sheet Metal)		2003	CSLB	2010		CSLB conducts workshops wherein SMEs review the exam.	
C-45 (Electrical Sign)		2007	CSLB	2012		CSLB conducts workshops wherein SMEs review the exam.	
C-46 (Solar)		2007	CSLB	2012		CSLB conducts workshops wherein SMEs review the exam.	
C-47 (General Manufactured Housing)		2006	CSLB	2011		CSLB conducts workshops wherein SMEs review the exam.	
C-50 (Reinforcing Steel)		2007	CSLB	2012		CSLB conducts workshops wherein SMEs review the exam.	
C-51 (Structural Steel)		2003	CSLB	2010		CSLB conducts workshops wherein SMEs review the exam.	

**Part 1: Examination Evaluation, Validation and Development [Section 139(c)(1)&(2); (d)]**

Licensing Program	Type of Exam	Occupational Analysis (OA)			Examination Passing Score Methodology	Status of Test Development/ Validation	Comments
		Date of Last OA	Performed By	Date of Next Scheduled OA			
C-53 (Swimming Pool)	Written	2006	CSLB	2011	<u>Criterion-referenced methodology:</u>  Yes    No  <u>Specify methodology:</u>  Modified Angoff  <u>Other (specify methodology):</u>	CSLB conducts workshops wherein SMEs review the exam.	
C-54 (Tile)		2006	CSLB	2011		CSLB conducts workshops wherein SMEs review the exam.	
C-55 (Water Conditioning)		2007	CSLB	2012		CSLB conducts workshops wherein SMEs review the exam.	
C-57 (Well-Drilling)		2007	CSLB	2012		CSLB conducts workshops wherein SMEs review the exam.	
C-60 (Welding)		2002	CSLB	2008		CSLB conducts workshops wherein SMEs review the exam.	

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]  
for the Contractors State License Board**

License Type	Prerequisites	Code or Regulation that Mandates		Prerequisites Are Supported by Most Recent Occupational Analysis (OA)	Prerequisites Are Justified By		Frequency of Assessment (in years)
		Statutory Code #	CCR#	Underline response	Describe methodology used to determine each prerequisite	<u>Underline</u> source of methodology	<u>Underline</u> appropriate number
Contractors License (all classes)	Four years of journey level or better experience in the class OR minimum of 1 year practical experience in conjunction with maximum of 3 years technical training or apprenticeship program	B&P 7056-7068	CCR Div 8 Article 2 825 & 826	Yes <u>No</u>	Years ago this prerequisite was deemed acceptable and the definition was put into code and has not been changed or deemed lacking.	<u>Internal</u> External None	<u>0</u> *1 2 3 4 5 6 7 8 9 *As needed

**Part 3: Estimate of the Costs and Personnel Required to Perform these Functions  
(Evaluation, Validation, and Development) [(Section 139(c)(4)]  
for the Contractors State License Board**

Examination Cost Element	Current Fee Authority to Cover Costs		Covered by Other Than Fee Authority		Examination Related Function Enter actual or estimated costs for all applicable cost elements and each function below.				
	<u>Yes</u>	No	<u>Yes</u>	No	Occupational Analysis (Cost per Occurrence)	Ongoing Examination Development (Cost per Year)	Examination Administration (Cost per Year)	Program Evaluation (Cost per Occurrence)	TOTALS
Personnel Years	<u>Yes</u>	No	<u>Yes</u>	No	50,000	400,000	700,000	20,000	\$1,170,000.00
Personnel Years - Overtime	<u>Yes</u>	No	<u>Yes</u>	No		25,000			\$25,000.00
Subject Matter Expert (SME)	<u>Yes</u>	No	<u>Yes</u>	No	45,000	165,000			\$210,000.00
SME-Language Adaptation	<u>Yes</u>	No	<u>Yes</u>	No					
Travel Per Diem	<u>Yes</u>	No	<u>Yes</u>	No	13,500		20,000		\$33,500.00
Honoraria	<u>Yes</u>	No	<u>Yes</u>	No	25,000	70,000			\$95,000.00
Key Data Entry	<u>Yes</u>	No	<u>Yes</u>	No	10,000				\$10,000.00
Printing and Mailing	<u>Yes</u>	No	<u>Yes</u>	No	45,000				\$45,000.00
Contracted Services: OER (IAC)	<u>Yes</u>	No	<u>Yes</u>	No					
Contracted Services: Other	<u>Yes</u>	No	<u>Yes</u>	No					
National Association	<u>Yes</u>	No	<u>Yes</u>	No					
Other: Examination Consultants	<u>Yes</u>	No	<u>Yes</u>	No				25,000	25,000.00
Other: Proctors	<u>Yes</u>	No	<u>Yes</u>	No			173,000		\$173,000.00
Other: Room Contractors	<u>Yes</u>	No	<u>Yes</u>	No			350,000		\$350,000.00
Other: Technical Support	<u>Yes</u>	No	<u>Yes</u>	No	30,000	100,000	120,000		\$250,000.00
<b>EXAM COST TOTALS:</b>					\$218,500.00	\$760,000.00	\$1,363,000.00	\$45,000.00	\$2,386,500.00*

\*CSLB conducts 9 OAs per year (costs above are for 9 OAs). CSLB uses state-contracted services for processing and mailing. Key data entry, printing, and technical support are staff time.

# COURT REPORTERS BOARD OF CALIFORNIA

REPORT AS REQUIRED BY SECTION 139(c)  
 OF THE BUSINESS AND PROFESSIONS CODE  
 PREPARED BY: *COURT REPORTERS BOARD OF CALIFORNIA*  
 September 2007

Part 1: Examination Evaluation, Validation and Development [Section 139(c)(1)&(2); (d)]

Licensing Program	Type of Exam	Occupational Analysis (OA)			Examination Passing Score Methodology	Status of Test Development/ Validation	Comments
		Date of Last OA	Performed By	Date of Next Scheduled OA			
Certified Shorthand Reporter	Written and Practical	March 2003	OER	Scheduled for 2008	<u>Criterion-referenced methodology:</u>  Yes    No  <u>Specify methodology:</u>  Modified Angoff  <u>Other (specify methodology):</u>	Test development is ongoing.	

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]  
for the Court Reporters Board of California**

License Type	Prerequisites	Code or Regulation that Mandates		Prerequisites Are Supported by Most Recent Occupational Analysis (OA)	Prerequisites Are Justified By		Frequency of Assessment (in years)
		Statutory Code #	CCR#	Underline response	Describe methodology used to determine each prerequisite	Underline source of methodology	Underline appropriate number
CSR	One year of experience	B&P 8020	CCR 2418	<u>Yes</u> No	Internal and external reviews of exam prerequisites	<u>Internal</u> <u>External</u> None	0 1 2 3 <u>4</u> 5 6 7 8 9
CSR	Completion of an approved CSR training program	B&P 8020	CCR 2418	Yes <u>No</u>	Both. Periodic review of school curriculum by a Board Committee with other inputs.	<u>Internal</u> <u>External</u> None	0 1 2 3 <u>4</u> 5 6 7 8 9
CSR	Certificate of proficiency from the national association	B&P 8020	CCR 2418	Yes <u>No</u>	Internal and external reviews of exam prerequisites	<u>Internal</u> <u>External</u> None	<u>0</u> 1 2 3 4 5 6 7 8 9
CSR	Passing score on the California State Hearing Reporter Exam	B&P 8020	CCR 2418	<u>Yes</u> No	Internal and external reviews of exam prerequisites	<u>Internal</u> <u>External</u> None	<u>0</u> 1 2 3 4 5 6 7 8 9
CSR	CSR license from another state	B&P 8020	CCR 2418	Yes <u>No</u>	Internal and external reviews of exam prerequisites	<u>Internal</u> <u>External</u> None	0 1 2 3 <u>4</u> 5 6 7 8 9

**Part 3: Estimate of the Costs and Personnel Required to Perform these Functions  
(Evaluation, Validation, and Development) [(Section 139(c)(4))  
for the Court Reporters Board of California**

Examination Cost Element	Current Fee Authority to Cover Costs		Covered by Other Than Fee Authority		Examination Related Function Enter actual or estimated costs for all applicable cost elements and each function below.				
	<u>Underline</u> Response	No	<u>Underline</u> Response	No	Occupational Analysis (Cost per Occurrence)	Ongoing Examination Development (Cost per Year)	Examination Administration (Cost per Year)	Program Evaluation (Cost per Occurrence)	TOTALS
Personnel Years	<u>Yes</u>	No	Yes	<u>No</u>	1,700	11,201	16,203	3,240	\$32,344.00
Personnel Years - Overtime	<u>Yes</u>	No	<u>Yes</u>	No			4,600		\$4,600.00
Subject Matter Expert (SME)	<u>Yes</u>	No	<u>Yes</u>	No	2,000	12,000	600		\$14,600.00
SME-Language Adaptation	Yes	No	Yes	No					
Travel Per Diem	<u>Yes</u>	No	Yes	<u>No</u>	1,000	8,300	6,200		\$15,500.00
Honoraria	Yes	No	Yes	No					
Key Data Entry	Yes	No	Yes	No					
Printing and Mailing	<u>Yes</u>	No	Yes	<u>No</u>	1,500		585		\$2,085.00
Contracted Services: OER (IAC)	<u>Yes</u>	No	Yes	<u>No</u>	50,000	31,000			\$81,000.00
Contracted Services: Other	Yes	No	Yes	No					
National Association	Yes	No	Yes	No					
Other: Examination Consultants	<u>Yes</u>	No	Yes	<u>No</u>					
Other: Room Contractors	<u>Yes</u>	No	Yes	<u>No</u>			18,000		\$18,000.00
Other: Overtime	Yes	No	Yes	No					
<b>EXAM COST TOTALS:</b>					\$56,200.00*	\$62,501.00	\$46,188.00	\$3,240.00	\$168,129.00

\*A one-time cost approximately every five years. Cost is equal to 1/5 of totals column.

# COMMITTEE ON DENTAL AUXILIARIES

REPORT AS REQUIRED BY SECTION 139(c)  
OF THE BUSINESS AND PROFESSIONS CODE  
PREPARED BY: *COMMITTEE ON DENTAL AUXILIARIES*  
September 2007

Part 1: Examination Evaluation, Validation and Development [Section 139(c)(1)&(2); (d)]

Licensing Program	Type of Exam	Occupational Analysis (OA)			Examination Passing Score Methodology	Status of Test Development/ Validation	Comments
		Date of Last OA	Performed By	Date of Next Scheduled OA			
Registered Dental Assistant (RDA)	Written and Practical	2003	OER	Exam to be eliminated in 2008*	<u>Criterion-referenced methodology:</u>  <u>Yes</u> No  <u>Specify methodology:</u>  Modified Angoff  <u>Other (specify methodology):</u>		
Registered Dental Hygienist (RDH)	Clinical Written National Exam	April 1998	OER	2008		Validated 1998	Limited scope of practice.
Extended Functions (EF)	Clinical	April 1998	OER	2010		Validated 1998	Limited scope of practice.

\*Pending legislation would delay this change until 2010.

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]  
for the Committee on Dental Auxiliaries**

License Type	Prerequisites	Code or Regulation that Mandates		Prerequisites Are Supported by Most Recent Occupational Analysis (OA)	Prerequisites Are Justified By		Frequency of Assessment (in years)
		Statutory Code #	CCR#	Underline response	Describe methodology used to determine each prerequisite	<u>Underline</u> source of methodology	<u>Underline</u> appropriate number
Registered Dental Assistant (RDA)	Education or work experience	B&P 1753	CCR 1077	Yes <u>No</u>	Annual Strategic Plan review/public hearings	<u>Internal</u> External None	0 1 2 3 4 <u>5</u> 6 7 8 9
Registered Dental Hygienist (RDH)	Education, passing score on national exam	B&P 1766	CCR 1082	Yes <u>No</u>	Annual Strategic Plan review/public hearings	<u>Internal</u> External None	0 1 2 3 4 5 6 7 8 <u>9</u>
Extended Functions (EF)	Education	B&P 1756 1768	CCR 1077.1 1079.1	Yes <u>No</u>	Annual Strategic Plan review/public hearings	<u>Internal</u> External None	0 1 2 3 4 5 6 7 8 <u>9</u>

**Part 3: Estimate of the Costs and Personnel Required to Perform these Functions  
(Evaluation, Validation, and Development) [(Section 139(c)(4)]  
for the Committee on Dental Auxiliaries**

Examination Cost Element	Current Fee Authority to Cover Costs		Covered by Other Than Fee Authority		Examination Related Function Enter actual or estimated costs for all applicable cost elements and each function below.				
	<u>Yes</u>	No	<u>Yes</u>	<u>No</u>	Occupational Analysis (Cost per Occurrence)	Ongoing Examination Development (Cost per Year)	Examination Administration (Cost per Year)	Program Evaluation (Cost per Occurrence)	TOTALS
Personnel Years	<u>Yes</u>	No	<u>Yes</u>	<u>No</u>	5,000		356,848	Ongoing cost	\$361,848.00
Personnel Years - Overtime	<u>Yes</u>	No	<u>Yes</u>	<u>No</u>			14,326	Ongoing cost	\$14,326.00
Subject Matter Expert (SME)	<u>Yes</u>	No	<u>Yes</u>	<u>No</u>	10,000	6,000	157,127	Unknown	\$173,127.00
SME-Language Adaptation	<u>Yes</u>	No	<u>Yes</u>	<u>No</u>					
Travel Per Diem	<u>Yes</u>	No	<u>Yes</u>	<u>No</u>	10,000	6,000	36,658		\$52,658.00
Honoraria	<u>Yes</u>	No	<u>Yes</u>	<u>No</u>					
Key Data Entry	<u>Yes</u>	No	<u>Yes</u>	<u>No</u>	6,000				\$6,000.00
Printing and Mailing	<u>Yes</u>	No	<u>Yes</u>	<u>No</u>	10,000		59,160		\$69,160.00
Contracted Services: OER (IAC)	<u>Yes</u>	No	<u>Yes</u>	<u>No</u>	60,000				\$60,000.00
Contracted Services: Other	<u>Yes</u>	No	<u>Yes</u>	<u>No</u>		35,000			\$35,000.00
National Association	<u>Yes</u>	No	<u>Yes</u>	<u>No</u>					
Other: Overhead	<u>Yes</u>	No	<u>Yes</u>	<u>No</u>			478,299		478,299.00
Other: Expert Proctors	<u>Yes</u>	No	<u>Yes</u>	<u>No</u>			21,372		\$21,372.00
Other: Room Contracts	<u>Yes</u>	No	<u>Yes</u>	<u>No</u>			62,083		\$62,083.00
<b>EXAM COST TOTALS:</b>					\$101,000.00	\$47,000.00	\$1,185,873.00		\$1,333,873.00

# DENTAL BOARD OF CALIFORNIA

REPORT AS REQUIRED BY SECTION 139(c)  
 OF THE BUSINESS AND PROFESSIONS CODE  
 PREPARED BY: *DENTAL BOARD OF CALIFORNIA*  
 September 2007

Part 1: Examination Evaluation, Validation and Development [Section 139(c)(1)&(2); (d)]

Licensing Program	Type of Exam	Occupational Analysis (OA)			Examination Passing Score Methodology	Status of Test Development/ Validation	Comments
		Date of Last OA	Performed By	Date of Next Scheduled OA			
Dentistry	Written	2005	OER	Not scheduled due to recent OA	<u>Criterion-referenced methodology:</u>  (Clinical) (Written) <u>Yes</u> <u>No</u>  <u>Specify methodology:</u>  Each section has criteria ranging from pass to fail that have been given a specific value of 0 – 5 for clinical examination.  <u>Other (specify methodology):</u>  Specified in regulation for written examination	The Board develops its written and clinical tests.	
	Clinical						

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]  
for the Dental Board of California**

License Type	Prerequisites	Code or Regulation that Mandates		Prerequisites Are Supported by Most Recent Occupational Analysis (OA)	Prerequisites Are Justified By		Frequency of Assessment (in years)
		Statutory Code #	CCR#	Underline response	Describe methodology used to determine each prerequisite	Underline source of methodology	Underline appropriate number
Dentistry	Age 18 or older; graduation from an accredited dental college; passing scores on National Board Exam Parts I & II; provide evidence of financial responsibility or liability insurance and pay for two sets of classifiable fingerprints; verification of license status in the last state or jurisdiction (if applicable) and pay all fees	B&P 1628	CCR Title 16, Div.10, Sec. 1028	<u>Yes</u> No  Occupational Analysis (OA) Performed July 2005	The application contains information on the candidate's age, school, and out of state license status (if applicable). The application must have the signature of the dean and the seal of the dental school. Fingerprints are processed through the Department of Justice and the Federal Bureau of Investigation to establish identity. The out of state applicant must provide verification from the state or county licensing agency. The applicant must provide a certificate of insurance or proof of a surety bond. Copies of the national board scores are sent directly to the Dental Board. A check or money order must be received with the application.	<u>Internal</u> <u>External</u> None	<u>0</u> 1 2 3 4 5 6 7 8 9

**Part 3: Estimate of the Costs and Personnel Required to Perform these Functions  
(Evaluation, Validation, and Development) [(Section 139(c)(4)]  
for the Dental Board of California**

Examination Cost Element	Current Fee Authority to Cover Costs		Covered by Other Than Fee Authority		Examination Related Function Enter actual or estimated costs for all applicable cost elements and each function below.				
	<u>Yes</u>	No	<u>Yes</u>	No	Occupational Analysis (Cost per Occurrence)	Ongoing Examination Development (Cost per Year)	Examination Administration (Cost per Year)	Program Evaluation (Cost per Occurrence)	TOTALS
Personnel Years	<u>Yes</u>	No	<u>Yes</u>	No			151,850		\$151,850.00
Personnel Years - Overtime	<u>Yes</u>	No	<u>Yes</u>	No			29,500		\$29,500.00
Subject Matter Expert (SME)	<u>Yes</u>	No	<u>Yes</u>	No			89,035		\$89,035.00
SME-Language Adaptation	<u>Yes</u>	No	<u>Yes</u>	No					
Travel Per Diem	<u>Yes</u>	No	<u>Yes</u>	No			13,500		\$13,500.00
Honoraria	<u>Yes</u>	No	<u>Yes</u>	No					
Key Data Entry	<u>Yes</u>	No	<u>Yes</u>	No					
Printing and Mailing	<u>Yes</u>	No	<u>Yes</u>	No			37,630		\$37,630.00
Contracted Services: OER (IAC)	<u>Yes</u>	No	<u>Yes</u>	No					
Contracted Services: Other	<u>Yes</u>	No	<u>Yes</u>	No		20,000	152,145		\$172,145.00
National Association	<u>Yes</u>	No	<u>Yes</u>	No					
Other: Proctors	<u>Yes</u>	No	<u>Yes</u>	No			31,428		\$31,428.00
<b>EXAM COST TOTALS:</b>						\$20,000.00	\$505,088.00		\$525,008.00

BOARD FOR  
PROFESSIONAL ENGINEERS  
AND LAND SURVEYORS

REPORT AS REQUIRED BY SECTION 139(c)  
 OF THE BUSINESS AND PROFESSIONS CODE  
 PREPARED BY: *BOARD FOR PROFESSIONAL ENGINEERS  
 AND LAND SURVEYORS*  
 September 2007

Part 1: Examination Evaluation, Validation and Development [Section 139(c)(1)&(2); (d)]

Licensing Program	Type of Exam	Occupational Analysis (OA)			Examination Passing Score Methodology	Status of Test Development/ Validation	Comments
		Date of Last OA	Performed By	Date of Next Scheduled OA			
Engineer-in-Training	Written	2003	National Council of Examiners for Engineering and Surveying (NCEES) or their vendor	2011	<u>Criterion-referenced methodology:</u>  Yes No  <u>Specify methodology:</u>  Modified Angoff  <u>Other (specify methodology):</u>	Performed by NCEES or their vendor	
Land Surveyor-in-Training		2003		2011		Performed by NCEES or their vendor	
Chemical		2002		2010		Performed by NCEES or their vendor	
Civil		1999		Completed in 2005; effective in 2008		Performed by NCEES or their vendor	
Electrical		1999		Completed in 2007; effective in 2009		Performed by NCEES or their vendor	
Mechanical		1999		Completed in 2007; effective in 2008		Performed by NCEES or their vendor	
Agricultural		2000		2008		Performed by NCEES or their vendor	
Control System		2002		2009		Performed by NCEES or their vendor	
Fire Protection		2002		2009		Performed by NCEES or their vendor	
Industrial		2003		2011		Performed by NCEES or their vendor	

**Part 1: Examination Evaluation, Validation and Development [Section 139(c)(1)&(2); (d)]**

Licensing Program	Type of Exam	Occupational Analysis (OA)			Examination Passing Score Methodology	Status of Test Development/ Validation	Comments
		Date of Last OA	Performed By	Date of Next Scheduled OA			
Metallurgical	Written	1999	NCEES or their vendor	Completed in 2007; effective in 2008	<u>Criterion-referenced methodology:</u>	Performed by NCEES or their vendor	
Nuclear		2003	NCEES or their vendor	2009	<u>Yes</u> <u>No</u>	Performed by NCEES or their vendor	
Petroleum		2006	NCEES or their vendor	Not scheduled due to recent OA	<u>Specify methodology:</u>	Performed by NCEES or their vendor	
National Structural II		2001	NCEES or their vendor	2008	Modified Angoff	Performed by NCEES or their vendors	
National Land Surveyor		2003	NCEES or their vendor	2011		Performed by NCEES or their vendors	
Traffic		1999	OER	2008	<u>Other (specify methodology):</u>	OER develops exams on a continuous basis.	SMEs have verified that examination plan is current. New OA is to be performed within two years.
California Structural Seismic		2003	The Chauncey Group	Not scheduled due to recent OA		Performed by Board staff and Thomson Prometric on a continuous basis	
Special Civil (California specific)		2005	Board staff	Not scheduled due to recent OA		Performed by Board staff and Professional Management Evaluation Services (PMES) on a continuous basis	
Geotechnical		2001	Board staff	2009		Performed by Board staff and Thomson Prometric on a continuous basis	
California Land Surveyor		2002	The Chauncey Group	2010		Performed by Board staff and Professional Management Evaluation Services (PMES) on a continuous basis	

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]  
for the Board for Professional Engineers and Land Surveyors**

License Type	Prerequisites	Code or Regulation that Mandates		Prerequisites Are Supported by Most Recent Occupational Analysis (OA)	Prerequisites Are Justified By		Frequency of Assessment (in years)
		Statutory Code #	CCR#	Underline response	Describe methodology used to determine each prerequisite	<u>Underline</u> source of methodology	<u>Underline</u> appropriate number
Engineer-in-Training (EIT)	Satisfactory completion of 3 years or more of college or university education in a Board-approved engineering curriculum or completion of 3 years or more of Board approved experience	B&P 6704 6750 to 6759	CCR 404 420 to 424 427.10 438 460	<u>Yes</u> No	Requirements are mandated by statutory codes and CCR. Many different methods are used to determine appropriateness including surveys of other states, examination data, Subject Matter Expert input, vendor review and input, etc.	<u>Internal</u> <u>External</u> None	0 <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5*</u> 6 7 8 9 *As needed
Land Surveyor-in-Training (LSIT)	Satisfactory completion of 2 years postsecondary education in land surveying or 2 years of experience in land surveying or a combination of education and experience that totals 2 years	B&P 8741 to 8743	CCR 404 420 to 424 438 460	<u>Yes</u> No	Same as above.	<u>Internal</u> <u>External</u> None	0 <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5*</u> 6 7 8 9 *As needed

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]  
for the Board for Professional Engineers and Land Surveyors**

License Type	Prerequisites	Code or Regulation that Mandates		Prerequisites Are Supported By Most Recent Occupational Analysis (OA)	Prerequisites Are Justified By		Frequency of Assessment (in years)
		Statutory Code #	CCR#	Underline response	Describe methodology used to determine each prerequisite	<u>Underline</u> source of methodology	<u>Underline</u> appropriate number
Civil Engineer	Passed EIT; 6 years of experience/education; references from 4 licensed engineers OR wave EIT by verification of Engineering degree and 14-17 years of experience	B&P 6702 6704 6731 6731.1 6750 to 6759	CCR 404 420 to 424 427.10 438 460	<u>Yes</u> No	Same as above.	<u>Internal</u> <u>External</u> None	0 <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5*</u> 6 7 8 9 *As needed
Electrical Engineer	Same as for Civil Engineer but references do not have to be from a licensed engineer	B&P 6702.1 6704 6750 to 6759	CCR 404 420 to 424 427.10 438 460	<u>Yes</u> No	Same as above.	<u>Internal</u> <u>External</u> None	0 <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5*</u> 6 7 8 9 *As needed

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]  
for the Board for Professional Engineers and Land Surveyors**

License Type	Prerequisites	Code or Regulation that Mandates		Prerequisites Are Supported by Most Recent Occupational Analysis (OA)	Prerequisites Are Justified By		Frequency of Assessment (in years)
		Statutory Code #	CCR#	Underline response	Describe methodology used to determine each prerequisite	<u>Underline</u> source of methodology	<u>Underline</u> appropriate number
Mechanical Engineer	Same as for Civil Engineer but references do not have to be from a licensed engineer	B&P 6702.2 6704 6750 to 6759	CCR 404 420 to 424 427.10 438 460	<u>Yes</u> No	Same as above.	<u>Internal</u> <u>External</u> None	0 <u>1 2 3 4 5*</u> 6 7 8 9 *As needed
Title Act Registrations: Agricultural, Chemical, Control System, Fire Protection, Industrial, Metallurgical, Nuclear, Petroleum, Traffic	Same as for Civil Engineer but references do not have to be from a licensed engineer	B&P 6704 6732 6750 to 6759	CCR 404 420 to 424 427.10 438 460	<u>Yes</u> No	Same as above.	<u>Internal</u> <u>External</u> None	0 <u>1 2 3 4 5*</u> 6 7 8 9 *As needed

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]  
for the Board for Professional Engineers and Land Surveyors**

License Type	Prerequisites	Code or Regulation that Mandates		Prerequisites Are Supported by Most Recent Occupational Analysis (OA)	Prerequisites Are Justified By		Frequency of Assessment (in years)
		Statutory Code #	CCR#	Underline response	Describe methodology used to determine each prerequisite	<u>Underline</u> source of methodology	<u>Underline</u> appropriate number
Structural Engineering	Licensed Civil Engineer and 3 years responsible charge experience after civil licensure	B&P 6730.2 6736	CCR 404 420 to 424 426.10 to 426.14 427.30	<u>Yes</u> No	Same as above.	<u>Internal</u> <u>External</u> None	0 <u>1 2 3 4 5*</u> 6 7 8 9 *As needed
Geotechnical (Soil) Engineering	Licensed Civil Engineer and 4 years responsible charge experience after civil licensure	B&P 6730.2 6736.1	CCR 404 420 to 424 426.50 426.51 427.20	<u>Yes</u> No	Same as above.	<u>Internal</u> <u>External</u> None	0 <u>1 2 3 4 5*</u> 6 7 8 9 *As needed

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]  
for the Board for Professional Engineers and Land Surveyors**

License Type	Prerequisites	Code or Regulation that Mandates		Prerequisites Are Supported by Most Recent Occupational Analysis (OA)	Prerequisites Are Justified By		Frequency of Assessment (in years)
		Statutory Code #	CCR#	Underline response	Describe methodology used to determine each prerequisite	<u>Underline</u> source of methodology	<u>Underline</u> appropriate number
Land Surveyor	Graduation from a four-year curriculum with an emphasis in land surveying approved by the Board or accredited and 2 years of actual broad based progressive experience, including 1 year of responsible field training and 1 year of responsible office training satisfactory to the Board and possess a LSIT certificate. At least 6 years of actual broad based progressive experience in land surveying including 1 year of responsible field training and one year of responsible office training satisfactory to the Board and possess a LSIT certificate. Registration as a civil engineer with 2 years of actual broad based progressive experience in land surveying satisfactory to the Board	B&P 8708 8741 to 8743	CCR 404 to 424 427.10 438	<u>Yes</u> No	Same as above.	<u>Internal</u> <u>External</u> None	0 <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5*</u> 6 7 8 9  *As needed

**Part 3: Estimate of the Costs and Personnel Required to Perform these Functions  
(Evaluation, Validation, and Development) [(Section 139(c)(4)]  
for the Board for Professional Engineers and Land Surveyors**

Examination Cost Element	Current Fee Authority to Cover Costs		Covered by Other Than Fee Authority		Examination Related Function (1) Enter actual or estimated costs for all applicable cost elements and each function below.				
	<u>Yes</u>	No	<u>Yes</u>	No	Occupational Analysis (Cost per Occurrence)	Ongoing Examination Development (Cost per Year)	Examination Administration (Cost per Year) (3)	Program Evaluation (Cost per Occurrence)	TOTALS
Personnel Years (2)	<u>Yes</u>	No	<u>Yes</u>	No		275,000	638,000		\$913,000.00
Subject Matter Expert (SME)	<u>Yes</u>	No	<u>Yes</u>	No		330,380			\$330,380.00
SME-Language Adaptation	<u>Yes</u>	No	<u>Yes</u>	No					
Travel Per Diem	<u>Yes</u>	No	<u>Yes</u>	No		10,000	20,000		\$30,000.00
Key Data Entry	<u>Yes</u>	No	<u>Yes</u>	No					
Printing and Mailing	<u>Yes</u>	No	<u>Yes</u>	No			67,000		\$67,000.00
Contracted Services: OER (IAC)	<u>Yes</u>	No	<u>Yes</u>	No		13,250			\$13,250.00
Contracted Services	<u>Yes</u>	No	<u>Yes</u>	No			20,000		\$20,000.00
National Association	<u>Yes</u>	No	<u>Yes</u>	No			1,256,550.00		\$1,256,550.00
Other: Meeting Rooms	<u>Yes</u>	No	<u>Yes</u>	No		25,000	325,000		\$350,000.00
Other: Mandated Study	<u>Yes</u>	No	<u>Yes</u>	No					
Other: Exam Consultants	<u>Yes</u>	No	<u>Yes</u>	No		617,000			\$617,000.00
Other: Proctors	<u>Yes</u>	No	<u>Yes</u>	No			363,000		\$363,000.00
Other: OE&E /Dept'l Pro rata (4)	<u>Yes</u>	No	<u>Yes</u>	No		233,000	512,000		\$745,000.00
<b>EXAM COST TOTALS:</b>						\$1,503,630.00	\$3,201,550.00		\$4,705,180.00

(1) Amounts based upon FY 2006/2007 exam expenditures.

(2) Includes permanent and temporary help salary, benefits, and overtime for FY 2006/2007.

(3) Includes application evaluation, processing, and exam administration for FY 2006/2007.

(4) All other exam-related expenses (i.e., general expense, communications, training, facility operations, department and statewide pro rata, and data processing) for FY 2006/2007.

# BOARD FOR GEOLOGISTS AND GEOPHYSICISTS

REPORT AS REQUIRED BY SECTION 139(c)  
 OF THE BUSINESS AND PROFESSIONS CODE  
 PREPARED BY: *BOARD FOR GEOLOGISTS AND GEOPHYSICISTS*  
 September 2007

Part 1: Examination Evaluation, Validation and Development [Section 139(c)(1)&(2); (d)]

Licensing Program	Type of Exam	Occupational Analysis (OA)			Examination Passing Score Methodology	Status of Test Development/ Validation	Comments
		Date of Last OA	Performed By	Date of Next Scheduled OA			
Professional Geologist	Written	2006	Association of State Boards of Geologists (ASBOG)* & OER	California Supplemental Examination FY 2007-2008	<u>Criterion-referenced methodology:</u>  Yes      No  <u>Specify methodology:</u>  Modified Angoff  <u>Other (specify methodology):</u>	Test development is ongoing. Test plans are based on legislative specifications and the OAs.	
Professional Geophysicist		2005	OER	Not scheduled due to recent OA			
Specialty in Engineering Geology		December 2000	OER	OA scheduled for FY 2007-2008			
Specialty in Hydrogeology		September 1999	OER	OA scheduled for FY 2007-2008			

\*The ASBOG validated the national examination in 2006, and the OER validated the California Supplemental Examination in 2006.

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]  
for the Board for Geologists and Geophysicists**

License Type	Prerequisites	Code or Regulation that Mandates		Prerequisites Are Supported by Most Recent Occupational Analysis (OA)	Prerequisites Are Justified By		Frequency of Assessment (in years)
		Statutory Code #	CCR#	Underline response	Describe methodology used to determine each prerequisite	<u>Underline</u> source of methodology	<u>Underline</u> appropriate number
Professional Geologist	Degree with experience	B&P 7841	CCR 3031	<u>Yes</u> No	Technical Advisory Committee Review and Evaluation followed by Board approval	<u>Internal</u> External None	0 1 <u>2</u> 3 4 5 6 7 8 9
Professional Geophysicist	Degree with experience	B&P 7841.1	CCR 3031	<u>Yes</u> No	Technical Advisory Committee Review and Evaluation followed by Board approval	<u>Internal</u> External None	0 1 <u>2</u> 3 4 5 6 7 8 9
Certified Engineering Geologist	Hours and type of experience	B&P 7842	CCR 3041	<u>Yes</u> No	Technical Advisory Committee Review and Evaluation followed by Board approval	<u>Internal</u> External None	0 1 <u>2</u> 3 4 5 6 7 8 9
Specialty in Hydrogeology	Hours and type of experience	B&P 7842	CCR 3042	<u>Yes</u> No	Technical Advisory Committee Review and Evaluation followed by Board approval	<u>Internal</u> External None	0 1 <u>2</u> 3 4 5 6 7 8 9

**Part 3: Estimate of the Costs and Personnel Required to Perform these Functions  
(Evaluation, Validation, and Development) [(Section 139(c)(4)]  
for the Board for Geologists and Geophysicists**

Examination Cost Element	Current Fee Authority to Cover Costs		Covered by Other Than Fee Authority		Examination Related Function Enter actual or estimated costs for all applicable cost elements and each function below.				
	<u>Underline</u> Response	No	<u>Underline</u> Response	No	Occupational Analysis (Cost per Occurrence)	Ongoing Examination Development (Cost per Year)	Examination Administration (Cost per Year)	Program Evaluation (Cost per Occurrence)	TOTALS
Personnel Years	<u>Yes</u>	No	<u>Yes</u>	No		16,500	40,000		\$56,500.00
Personnel Years - Overtime	Yes	No	Yes	No					
Subject Matter Expert (SME)	<u>Yes</u>	No	<u>Yes</u>	No		2,500	2,500		\$5,000.00
SME-Language Adaptation	Yes	No	Yes	No					
Travel Per Diem	<u>Yes</u>	No	<u>Yes</u>	No		5,500	6,500		\$12,000.00
Honoraria	Yes	No	Yes	No					
Key Data Entry	<u>Yes</u>	No	<u>Yes</u>	No					
Printing and Mailing	<u>Yes</u>	No	<u>Yes</u>	No		500	2,500		\$3,000.00
Contracted Services: OER	<u>Yes</u>	No	<u>Yes</u>	No	22,000	15,750	100,000		\$137,750.00
Contracted Services: ASBOG	Yes	<u>No</u>	<u>Yes</u>	No			2,500		\$2,500.00
National Association: ASBOG	<u>Yes</u>	No	<u>Yes</u>	No			3,000		\$3,000.00
Other: Graders	<u>Yes</u>	No	<u>Yes</u>	No			3,500		\$3,500.00
Other: Proctors	<u>Yes</u>	No	<u>Yes</u>	No			3,500		\$3,500.00
Other: Room Contracts	<u>Yes</u>	No	<u>Yes</u>	No			6,000		\$6,000.00
<b>EXAM COST TOTALS</b>					\$22,000.00*	\$40,750.00	\$164,500.00		\$229,250.00

\*OA cost data available from Intra-Agency Contract only. Cost represents an average across four license types.

# BOARD OF GUIDE DOGS FOR THE BLIND

REPORT AS REQUIRED BY SECTION 139(c)  
 OF THE BUSINESS AND PROFESSIONS CODE  
 PREPARED BY: *BOARD OF GUIDE DOGS FOR THE BLIND*  
 September 2007

Part 1: Examination Evaluation, Validation and Development [Section 139(c)(1)&(2); (d)]

Licensing Program	Type of Exam	Occupational Analysis (OA)			Examination Scoring Methodology	Status of Test Development/Validation	Comments
		Date of Last OA	Performed By	Date of Next Scheduled OA			
Guide Dog Instructors	Written, Oral, and Practical	2005	OER	Not scheduled due to recent OA	<u>Criterion-referenced methodology:</u> Yes <u>No</u>  <u>Specify methodology:</u>  <u>Other (specify methodology):</u> Specified in regulation	Practical and oral exams were updated by OER.	

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]  
for the Board of Guide Dogs for the Blind**

License Type	Prerequisites	Code or Regulation that Mandates		Prerequisites Are Supported by Most Recent Occupational Analysis (OA)	Prerequisites Are Justified By		Frequency of Assessment (in years)
		Statutory Code #	CCR#	Underline response	Describe methodology used to determine each prerequisite	<u>Underline</u> source of methodology	<u>Underline</u> appropriate number
Instructor	Three years of actual experience as an apprentice instructor comprising such number of hours as the Board may require and have handled 22 man/dog units	B&P 7209		Yes <u>No</u>	None given	Internal External <u>None</u>	<u>0</u> 1 2 3 4 5 6 7 8 9

**Part 3: Estimate of the Costs and Personnel Required to Perform these Functions  
(Evaluation, Validation, and Development) [(Section 139(c)(4)]  
for the Board for Guide Dogs for the Blind**

Examination Cost Element	Current Fee Authority to Cover Costs		Covered by Other Than Fee Authority		Examination Related Function Enter actual or estimated costs for all applicable cost elements and each function below.				
	<u>Underline</u> Response	<u>Underline</u> Response	<u>Underline</u> Response	<u>Underline</u> Response	Occupational Analysis (Cost per Occurrence)	Ongoing Examination Development (Cost per Year)	Examination Administration (Cost per Year)	Program Evaluation (Cost per Occurrence)	TOTALS
Personnel Years	Yes No	Yes No	Yes No	Yes No					
Personnel Years - Overtime	Yes No	Yes No	Yes No	Yes No					
Subject Matter Expert (SME)	Yes No	Yes No	Yes No	Yes No					
SME-Language Adaptation	Yes No	Yes No	Yes No	Yes No					
Travel Per Diem	Yes No	Yes No	Yes No	Yes No					
Honoraria	Yes No	Yes No	Yes No	Yes No					
Key Data Entry	Yes No	Yes No	Yes No	Yes No					
Printing and Mailing	Yes <u>No</u>	<u>Yes</u> No	<u>Yes</u> No	Yes No	100				\$100.00
Contracted Services: OER (IAC)	Yes No	Yes No	Yes No	Yes No					
Contracted Services: Other	Yes No	Yes No	Yes No	Yes No					
National Association	Yes No	Yes No	Yes No	Yes No					
Other:	Yes No	Yes No	Yes No	Yes No					
Other:	Yes No	Yes No	Yes No	Yes No					
<b>EXAM COST TOTALS:</b>					\$100.00				\$100.00

# MEDICAL BOARD OF CALIFORNIA

REPORT AS REQUIRED BY SECTION 139(c)  
 OF THE BUSINESS AND PROFESSIONS CODE  
 PREPARED BY: *MEDICAL BOARD OF CALIFORNIA*  
 September 2007

Part 1: Examination Evaluation, Validation and Development [Section 139(c)(1)&(2); (d)]

Licensing Program	Type of Exam	Occupational Analysis (OA)			Examination Passing Score Methodology	Status of Test Development/ Validation	Comments
		Date of Last OA	Performed By	Date of Next Scheduled OA			
Physicians and Surgeons	Computer-Based Testing	January 2006	Federation of State Medical Boards (FSMB)	Undetermined	<u>Criterion-referenced methodology:</u>  Yes      No  <u>Specify methodology:</u>  Rasch model and modified Angoff procedures	Testing Practice Model ongoing; scoring revised every three years.	Began computerized format in 1999.

Part 1: Examination Evaluation, Validation and Development [Section 139(c)(1)&(2); (d)]

Licensing Program	Type of Exam	Occupational Analysis			Examination Passing Score Methodology	Status of Test Development/ Validation	Comments
		Date of Last OA	Performed By	Date of Next Scheduled OA			
Midwives	Written	June 2001	National Testing and Measurement Technologies (NTMT)	2007	<u>Criterion-referenced methodology:</u> Yes    No <u>Specify methodology:</u> Scores are based on cut score using reverse Angoff method	The exam was developed in 1996 using the guidelines of the American Psychometric Association, the National Competency Association, and the department's OER.	
Spectacle Lens Dispenser and Contact Lens Dispenser	Written	2006	Professional Examination Service (PES)	Not scheduled due to recent OA	<u>Criterion-referenced methodology:</u> Yes <u>No</u> <u>Specify methodology:</u> Percentage Score methodology: 70% for Spectacle Lens Dispenser 72% for Contact Lens Dispenser	The exams are validated every five to six years under the guidance of the PES, which administers both exams.	The American Board of Opticianry administers only the National Opticianry Competency Exam for spectacle dispensers. The National Contact Lens Examiners administers the Contact Lens Registry Exam for contact lens dispensers.

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]  
for the Medical Board of California**

License Type	Prerequisites	Code or Regulation that Mandates		Prerequisites Are Supported by Most Recent Occupational Analysis (OA)	Prerequisites Are Justified By		Frequency of Assessment (in years)
		Statutory Code #	CCR#	Underline response	Describe methodology used to determine each prerequisite	Underline source of methodology	Underline appropriate number
Physicians and Surgeons		B&P 2170		Yes    No	This function is not performed by the Medical Board of California. The Board does not directly administer any examinations. Prerequisites are determined by the organizations that administer the exams.	Internal External <u>None</u>	<u>0</u> 1 2 3 4 5 6 7 8 9
Midwives		B&P 2512.5 2513		Yes    No		Internal External <u>None</u>	<u>0</u> 1 2 3 4 5 6 7 8 9
Spectacle Lens Dispenser and Contact Lens Dispenser		B&P 2559.2 2561		Yes    No		Internal External <u>None</u>	<u>0</u> 1 2 3 4 5 6 7 8 9

**Part 3: Estimate of the Costs and Personnel Required to Perform these Functions  
(Evaluation, Validation, and Development) [(Section 139(c)(4)]  
for the Medical Board of California**

Examination Cost Element	Current Fee Authority to Cover Costs		Covered by Other Than Fee Authority		Examination Related Function Enter actual or estimated costs for all applicable cost elements and each function below.			
	Underline Response	Underline Response	Occupational Analysis (Cost per Occurrence)	Ongoing Examination Development (Cost per Year)	Examination Administration (Cost per Year)	Program Evaluation (Cost per Occurrence)	TOTALS	
Personnel Years	Yes No	Yes No						
Personnel Years - Overtime	Yes No	Yes No						
Subject Matter Expert (SME)	Yes No	Yes No	The State does not perform any of the above noted functions and does not incur any costs relative to exams. Examinations are administered solely by outside agencies with no expense to the State.					
SME-Language Adaptation	Yes No	Yes No						
Travel Per Diem	Yes No	Yes No						
Honoraria	Yes No	Yes No						
Key Data Entry	Yes No	Yes No						
Printing and Mailing	Yes No	Yes No						
Contracted Services: OER (IAC)	Yes No	Yes No						
Contracted Services: Other	Yes No	Yes No						
National Association	Yes No	Yes No						
Other:	Yes No	Yes No						
Other:	Yes No	Yes No						
EXAM COST TOTALS:								

# BOARD OF OCCUPATIONAL THERAPY

REPORT AS REQUIRED BY SECTION 139(c)  
 OF THE BUSINESS AND PROFESSIONS CODE  
 PREPARED BY: CALIFORNIA BOARD OF OCCUPATIONAL THERAPY  
 September 2007

Part 1: Examination Evaluation, Validation and Development [Section 139(c)(1)&(2); (d)]

Licensing Program	Type of Exam	Occupational Analysis (OA)			Examination Passing Score Methodology	Status of Test Development/ Validation	Comments
		Date of Last (OA)	Performed By	Date of Next Scheduled OA			
Occupational Therapist (OT)	Written	2003	National Board for Certification in Occupational Therapy (NBCOT)	2009	<u>Criterion-referenced methodology:</u>  Yes    No  <u>Specify methodology:</u>  Modified Angoff	Ongoing	Applicants must take and pass the national licensing examination developed by the NBCOT. The exam is computer based and is administered year-round by Professional Examination Services (PES).
Occupational Therapy Assistant (OTA)	Written	2003	NBCOT	2009	<u>Other (specify methodology):</u>	Ongoing	Applicants must take and pass the national licensing examination developed by the NBCOT. The exam is computer based and is administered year-round by PES.

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]  
for the California Board of Occupational Therapy**

License Type	Prerequisites	Code or Regulation that Mandates		Prerequisites Are Supported by Most Recent Occupational Analysis (OA)	Prerequisites Are Justified By		Frequency of Assessment (in years)
		Statutory Code #	CCR#	Underline response	Describe methodology used to determine each prerequisite	<u>Underline</u> source of methodology	<u>Underline</u> appropriate number
Occupational Therapist (OT)	Completion of the academic requirements of an educational program for OTs and completion of 960 hours of supervised fieldwork experience	B&P 2570.6		<u>Yes</u> No	National standards for educational and experience requirements are set by the American Occupational Therapy Association (AOTA).  College and university programs are accredited through the Accreditation Council for Occupational Therapy Education (ACOTE), a branch of the AOTA.	Internal <u>External</u> None	<u>0</u> 1 2 3 4 5 6 7 8 9
Occupational Therapy Assistant (OTA)	Completion of the academic requirements of an educational program for OTAs and 640 hours of supervised fieldwork	B&P 2570.6		<u>Yes</u> No	Same as above	Internal <u>External</u> None	<u>0</u> 1 2 3 4 5 6 7 8 9

**Part 3: Estimate of the Costs and Personnel Required to Perform these Functions  
(Evaluation, Validation, and Development) [(Section 139(c)(4)]  
for the California Board of Occupational Therapy**

Examination Cost Element	Current Fee Authority to Cover Costs		Covered by Other Than Fee Authority		Examination Related Function Enter actual or estimated costs for all applicable cost elements and each function below.				
	<u>Underline</u> Response	<u>Underline</u> Response	<u>Underline</u> Response	<u>Underline</u> Response	Occupational Analysis (Cost per Occurrence)	Ongoing Examination Development (Cost per Year)	Examination Administration (Cost per Year)	Program Evaluation (Cost per Occurrence)	TOTALS
Personnel Years	Yes No	Yes No	Yes No	Yes No					
Personnel Years - Overtime	Yes No	Yes No	Yes No	Yes No					
Subject Matter Expert (SME)	Yes No	Yes No	Yes No	Yes No					
SME-Language Adaptation	Yes No	Yes No	Yes No	Yes No					
Travel Per Diem	Yes No	Yes No	Yes No	Yes No					
Honoraria	Yes No	Yes No	Yes No	Yes No					
Key Data Entry	Yes No	Yes No	Yes No	Yes No					
Printing and Mailing	Yes No	Yes No	Yes No	Yes No					
Contracted Services:	Yes No	Yes No	Yes No	Yes No					
Contracted Services: Other	Yes No	Yes No	Yes No	Yes No	The Board does not perform any of the functions related to exam development or administration. Examinations are developed and administered solely by outside agencies with no expense to the Board.				
National Association	Yes No	Yes No	Yes No	Yes No					
Other:	Yes No	Yes No	Yes No	Yes No					
Other:	Yes No	Yes No	Yes No	Yes No					
<b>EXAM COST TOTALS:</b>									

# BOARD OF OPTOMETRY

REPORT AS REQUIRED BY SECTION 139(c)  
OF THE BUSINESS AND PROFESSIONS CODE  
PREPARED BY: *BOARD OF OPTOMETRY*  
September 2007

Part 1: Examination Evaluation, Validation and Development [Section 139(c)(1)&(2); (d)]

Licensing Program	Type of Exam	Occupational Analysis (OA)			Examination Passing Score Methodology	Status of Test Development/ Validation	Comments
		Date of Last OA	Performed By	Date of Next Scheduled OA			
Optometrist	National Written and Practical	2005	National Boards of Examiners in Optometry	Validation of the national examination is every three to five years.	<u>Criterion-referenced methodology:</u>  Yes    No  <u>Specify methodology:</u>  Modified Angoff  <u>Other (specify methodology):</u>	Test validation was completed in Fall of 2005. The next validation will occur in three to five years.	2001-2002 regulation amendment adopted the use of a nationally administered examination for California licensure.
	California Laws and Regulations Written	November 2001	OER	The next validation will occur in the 2008-2009 fiscal year, pending approval of the BCP.	Specified in statute for California written exam	The California Supplemental Exam will be completed in June 2007	

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]  
for the Board of Optometry**

License Type	Prerequisites	Code or Regulation that Mandates		Prerequisites Are Supported by Most Recent Occupational Analysis (OA)	Prerequisites Are Justified By		Frequency of Assessment (in years)
		Statutory Code #	CCR#	Underline response	Describe methodology used to determine each prerequisite	<u>Underline</u> source of methodology	<u>Underline</u> appropriate number
Optometrist	Optometric Doctorate (OD) degree	B&P 3046	1523	<u>Yes</u> No	Prerequisite applies to the NBEO Part III and California Laws and Regulations exams and are based on the NBEO's certification criteria and OA. The requirements are mandated by law.	<u>Internal</u> External None	0 <u>1</u> 2 3 4 5 6 7 8 9

**Part 3: Estimate of the Costs and Personnel Required to Perform these Functions  
(Evaluation, Validation, and Development) [(Section 139(c)(4)]  
for the Board of Optometry**

Examination Cost Element	Current Fee Authority to Cover Costs		Covered by Other Than Fee Authority		Examination Related Function Enter actual or estimated costs for all applicable cost elements and each function below.				
	<u>Yes</u>	No	<u>Yes</u>	No	Occupational Analysis (Cost per Occurrence)	Ongoing Examination Development (Cost per Year)	Examination Administration (Cost per Year)	Program Evaluation (Cost per Occurrence)	TOTALS
Personnel Years .4	<u>Yes</u>	No	Yes	<u>No</u>		1,500			\$1,500.00
Personnel Years - Overtime	Yes	No	Yes	No					
Subject Matter Expert (SME)	<u>Yes</u>	No	Yes	<u>No</u>		6,000			\$6,000.00
SME-Language Adaptation	Yes	No	Yes	No					
Travel Per Diem	<u>Yes</u>	No	Yes	<u>No</u>		2,040			\$2,040.00
Honoraria	Yes	No	Yes	No					
Key Data Entry	Yes	No	Yes	No					
Printing and Mailing	<u>Yes</u>	No	Yes	<u>No</u>		20			\$20.00
Contracted Services: OER (IAC)	<u>Yes</u>	No	Yes	<u>No</u>	10,000	20,000			\$30,000.00
Contracted Services: Other	Yes	No	Yes	No					
National Association	Yes	<u>No</u>	Yes	<u>No</u>					
<b>EXAM COST TOTALS:</b>					\$10,000.00	\$29,540.00			\$39,540.00

# BOARD OF PHARMACY

REPORT AS REQUIRED BY SECTION 139(c)  
 OF THE BUSINESS AND PROFESSIONS CODE  
 PREPARED BY: *BOARD OF PHARMACY*  
 September 2007

Part 1: Examination Evaluation, Validation and Development [Section 139(c)(1)&(2); (d)]

Licensing Program	Type of Exam	Occupational Analysis (OA)			Examination Passing Score Methodology	Status of Test Development/ Validation	Comments
		Date of Last OA	Performed By	Date of Next Scheduled OA			
Pharmacist	Written	2004/2005	Applied Measurement Professionals, Inc. (AMP)	2009/2010	<u>Criterion-referenced methodology:</u>  Yes      No  <u>Specify methodology:</u>  Modified Angoff  <u>Other (specify methodology):</u>	The Board contracted for an occupational analysis of California licensed pharmacists to be performed in late 2004. The results of the OA were evaluated in August 2005 and developed into the content outline that was used in constructing exam questions to be administered after April 1, 2006.	

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]  
for the Board of Pharmacy**

License Type	Prerequisites	Code or Regulation that Mandates		Prerequisites Are Supported by Most Recent Occupational Analysis (OA)	Prerequisites Are Justified By		Frequency of Assessment (in years)
		Statutory Code #	CCR#	Underline response	Describe methodology used to determine each prerequisite	<u>Underline</u> source of methodology	<u>Underline</u> appropriate number
Pharmacist	North American Pharmacist Licensure Examination and California Pharmacist Jurisprudence Examination	B&P 4200 4200.2	CCR 1724	<u>Yes</u> No	An OA is conducted and the resulting test specifications become the template for the exams and question development.	<u>Internal</u> <u>External</u> None	0 1 2 3 4 <u>5</u> 6 7 8 9
	18 years of age	B&P 4200		Yes <u>No</u>	Long-standing statutory requirement. Birthdate required on application.	Internal <u>External</u> None	<u>0</u> 1 2 3 4 5 6 7 8 9
	Graduate of domestic pharmacy school	B&P 4200	CCR 1719 1725	Yes <u>No</u>	National accrediting organization reviews every domestic pharmacy school's curriculum every 6 years. Board participates in review of California schools. Board undertook review of "candidate status" of national accrediting organization (2004).	<u>Internal</u> <u>External</u> None	0 1 2 3 4 5 <u>6</u> 7 8 9

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]  
for the Board of Pharmacy**

License Type	Prerequisites	Code or Regulation that Mandates		Prerequisites Are Supported by Most Recent Occupational Analysis (OA)	Prerequisites Are Justified By		Frequency of Assessment (in years)
		Statutory Code #	CCR#	Underline response	Describe methodology used to determine each prerequisite	Underline source of methodology	Underline appropriate number
Pharmacist	150 hours semester credits completed	B&P 4200		Yes <u>No</u>	Long-standing statutory requirement reflecting the length of domestic pharmacy school education.	<u>Internal</u> <u>External</u> None	<u>0</u> 1 2 3 4 5 6 7 8 9
	Requalification required after failing exam four times	B&P 4200.1	CCR 1725		Statutory report provided periodically to Legislature.	<u>Internal</u> <u>External</u> None	0 1 2 3 4 5 <u>6</u> 7 8 9
	Graduate of foreign pharmacy school	B&P 4200(a)(2)(B)	CCR 1719, 1720.1	<u>Yes</u> No	Candidates must be certified by the Foreign Pharmacy Graduate Equivalency Committee, which requires passing the Foreign Pharmacist Licensure Examination developed and administered by the National Association of Boards of Pharmacy (NABP). The NABP establishes the prerequisites and performs the evaluation of candidates who will take the exam. Candidates also must pass the <i>Test of Spoken English</i> and <i>TOFEL</i> or the TOEFL iBT exam to become certified.	<u>Internal</u> <u>External</u> None	<u>0</u> 1 2 3 4 5 6 7 8 9

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]  
for the Board of Pharmacy**

Pharmacist	Earned at least baccalaureate degree in a course of study relating to pharmacy	B&P 4200	CCR 1719	<u>Yes</u> No	Longstanding statutory requirement reflecting a specific course of collegiate training as minimal training required for entry level practice as a pharmacist according to national accreditation association for colleges of pharmacy.	<u>Internal</u> <u>External</u> None	<u>0</u> 1 2 3 4 5 6 7 8 9
	1,500 hours of specific practical training (internship)	B&P 4200 4209	CCR 1728	Yes <u>No</u>	Internship experience is a required component of pharmacy education. The 1,500 hours is typical of requirements of many states to take state licensure exam, and all states have experience requirements for licensure.	<u>Internal</u> <u>External</u> None	0 <u>1</u> 2 3 4 5 6 7 8 9
	Pay fee	B&P 4200	CCR 1720 1749	Yes <u>No</u>	Fee reviewed in 1997, reduced effective July 1999, and reassessed 2003.	<u>Internal</u> <u>External</u> None	0 1 2 3 4 <u>5</u> 6 7 8 9

**Part 3: Estimate of the Costs and Personnel Required to Perform these Functions  
(Evaluation, Validation, and Development) [(Section 139(c)(4)]  
for the Board of Pharmacy**

Examination Cost Element	Current Fee Authority to Cover Costs		Covered by Other Than Fee Authority		Examination Related Function Enter actual or estimated costs for all applicable cost elements and each function below.				
	<u>Underline</u> Response	No	<u>Underline</u> Response	No	Occupational Analysis (Cost per Occurrence)	Ongoing Examination Development (Cost per Year)	Examination Administration (Cost per Year)	Program Evaluation (Cost per Occurrence)	TOTALS
Personnel Years	<u>Yes</u>	No	<u>Yes</u>	No		6,838	64,416	4,382	\$75,636.00
Personnel Years - Overtime	Yes	No	Yes	No					
Subject Matter Expert (SME)	<u>Yes</u>	No	<u>Yes</u>	No		33,323		960	\$34,283.00
SME-Language Adaptation	Yes	No	Yes	No					
Travel Per Diem	<u>Yes</u>	No	<u>Yes</u>	No		24,025		800	\$24,825.00
Honoraria	Yes	No	Yes	No					
Key Data Entry	Yes	No	Yes	No					
Printing and Mailing	<u>Yes</u>	No	<u>Yes</u>	No		66	6,784	75	\$6,925.00
Contracted Services: (IAC)	Yes	No	Yes	No					
Contracted Services: Other	<u>Yes</u>	No	<u>Yes</u>	No		54,576	5,880	36,384	\$96,840.00
National Association	Yes	No	Yes	No					
Other: Proctors	Yes	No	Yes	No					
Other: Site Rental	<u>Yes</u>	No	<u>Yes</u>	No		5,461			\$5,461.00
Other:	Yes	No	Yes	No					
EXAM COST TOTALS:						\$124,289.00	\$77,080.00	\$42,601.00	\$243,970.00

PHYSICAL THERAPY BOARD  
OF CALIFORNIA

REPORT AS REQUIRED BY SECTION 139(c)  
OF THE BUSINESS AND PROFESSIONS CODE  
PREPARED BY: *PHYSICAL THERAPY BOARD OF CALIFORNIA*  
September 2007

Part 1: Examination Evaluation, Validation and Development [Section 139(c)(1)&(2); (d)]

Licensing Program	Type of Exam	Occupational Analysis (OA)			Examination Passing Score Methodology	Status of Test Development/Validation	Comments
		Date of Last OA	Performed By	Date of Next Scheduled OA			
Physical Therapist	Written	January 2007	Human Resources Research Organization (HumRRO) for Federation of State Boards of Physical Therapy (FSBPT)	2011	<u>Criterion-referenced methodology:</u>  Yes      No  <u>Specify methodology:</u>  Modified Angoff  <u>Other (specify methodology):</u>	The FSBPT has four active committees that include subject matter experts. These committees continuously validate and develop the items and exams.  A new California law exam was developed by the OER in 2005.	Candidates for licensure must pass a national written examination and a written California law examination.
Physical Therapist Assistant							
Electroneuromyographer							
Kinesiological Electromyographer		1990	Board staff	To be scheduled			

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]  
for the Physical Therapy Board**

License Type	Prerequisites	Code or Regulation that Mandates		Prerequisites Are Supported by Most Recent Occupational Analysis (OA)	Prerequisites Are Justified By		Frequency of Assessment (in years)
		Statutory Code #	CCR#	Underline response	Describe methodology used to determine each prerequisite	Underline source of methodology	Underline appropriate number
Physical Therapist (PT)	<u>US Graduate</u> Graduate of accredited postsecondary physical therapist educational program; completion of professional education including academic course and clinical internship	B&P 2650	CCR Title 16, Div 13.2 1398.30 1398.31	<u>Yes</u> No	Statutory and regulatory requirements established based on the criteria developed by the Commission on Accreditation in Physical Therapy Education of the American Physical Therapy Association for approval of educational programs.	<u>Internal</u> <u>External</u> None	0 <u>1</u> 2 3 4 5 6 7 8 9
	<u>Foreign Educated</u> Completion of equivalent professional degree program to US accredited physical therapy educational program; completion of education that would allow the applicant to practice physical therapy in the country where education received; evaluation of educational credentials by an acceptable credential evaluation service	B&P 2653	CCR Title 16, Div 13.2 1398.25 1398.26 1398.26.1 1398.26.5	<u>Yes</u> No	Statutory and regulatory requirements to require comparison to accredited education in the US.	<u>Internal</u> <u>External</u> None	0 1 2 3 <u>4</u> 5 6 7 8 9

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]  
for the Physical Therapy Board**

License Type	Prerequisites	Code or Regulation that Mandates		Prerequisites Are Supported by Most Recent Occupational Analysis (OA)	Prerequisites Are Justified By		Frequency of Assessment (in years)
		Statutory Code #	CCR#	Underline response	Describe methodology used to determine each prerequisite.	Underline source of methodology	Underline appropriate number
Physical Therapist Assistant (AT)	<u>Graduate of an Approved Program</u> Graduation from approved physical therapist assistant educational program that includes both academic and clinical experience	B&P 2655.9	CCR Title 16, Div 13.2 1398.50 1398.51	<u>Yes</u> No	Statutory and regulatory requirements established based on the criteria developed by the Commission on Accreditation in Physical Therapy Education of the American Physical Therapy Association for approval of educational programs.	<u>Internal</u> <u>External</u> None	0 1 2 3 <u>4</u> 5 6 7 8 9
	<u>Equivalency</u> 3 years full-time experience as a physical therapy aide performing patient related tasks; 18 months of the 3 years must be in an acute care hospital; 15 units of postsecondary general education; 30 units of technical postsecondary courses OR Military training as a physical therapy technician; 15 units of postsecondary general education OR See physical therapist requirements	B&P 2655.3	CCR 1398.47	<u>Yes</u> No	Statutory and regulatory requirements. Regulatory requirements have been updated approximately every 3 years based on a review of candidates' performance on examination.	<u>Internal</u> <u>External</u> None	0 1 2 <u>3</u> 4 5 6 7 8 9

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]  
for the Physical Therapy Board**

License Type	Prerequisites	Code or Regulation that Mandates		Prerequisites Are Supported by Most Recent Occupational Analysis (OA)	Prerequisites Are Justified By		Frequency of Assessment (in years)
		Statutory Code #	CCR#	Underline response	Describe methodology used to determine each prerequisite.	Underline source of methodology	Underline appropriate number
Electroneuro-myography (ENMG)	Licensure as a physical therapist in California; training in tissue penetration; education specific to electromyography; 400 hours of supervised experience	B&P 2620.5	CCR 1399.64 1399.65	<u>Yes</u> No	Statutory and regulatory requirements. Regulatory requirements were last revised in 1994 after the completion of an OA.	<u>Internal</u> <u>External</u> None	0 1 2 3 4 5 <u>6</u> * 7 8 9 *As needed
Kinesiological Electromyography (KEMG)	Licensure as a physical therapist in California; training in tissue penetration; education specific to electromyography; 200 hours of supervised experience	B&P 2620.5	CCR 1399.63 1399.65	<u>Yes</u> No	Statutory and regulatory requirements. Regulatory requirements were last revised in 1990 after the completion of an OA.	<u>Internal</u> <u>External</u> None	0 1 2 3 4 5 <u>6</u> * 7 8 9 *As needed

**Part 3: Estimate of the Costs and Personnel Required to Perform these Functions  
(Evaluation, Validation, and Development) [(Section 139(c)(4)]  
for the Physical Therapy Board**

Examination Cost Element	Current Fee Authority to Cover Costs		Covered by Other Than Fee Authority		Examination Related Function Enter actual or estimated costs for all applicable cost elements and each function below.				
	<u>Underline</u> Response		<u>Underline</u> Response		Occupational Analysis (Cost per Occurrence)	Ongoing Examination Development (Cost per Year)	Examination Administration (Cost per Year)	Program Evaluation (Cost per Occurrence)	TOTALS
Personnel Years	Yes	No	Yes	No					
Personnel Years - Overtime	Yes	No	Yes	No					
Subject Matter Expert (SME)	Yes	No	Yes	No					
SME-Language Adaptation	Yes	No	Yes	No					
Travel Per Diem	Yes	No	Yes	No					
Honoraria	Yes	No	Yes	No					
Key Data Entry	Yes	No	Yes	No					
Printing and Mailing	Yes	No	Yes	No					
Contracted Services: OER (IAC)	Yes	No	Yes	No					
Contracted Services: Other	Yes	No	Yes	No					
National Association	Yes	No	Yes	No					
<b>EXAM COST TOTALS:</b>									<b>\$5,000.00*</b>

\*Costs are now paid directly to the Federation of State Boards of Physical Therapy. Estimated cost listed above is required for applicant accommodations under the Americans With Disabilities Act (ADA).

# PHYSICIAN ASSISTANT COMMITTEE

REPORT AS REQUIRED BY SECTION 139(c)  
 OF THE BUSINESS AND PROFESSIONS CODE  
 PREPARED BY: *PHYSICIAN ASSISTANT COMMITTEE*  
 September 2007

Part 1: Examination Evaluation, Validation and Development [Section 139(c)(1)&(2); (d)]

Licensing Program	Type of Exam	Occupational Analysis (OA)			Examination Passing Score Methodology	Status of Test Development/ Validation	Comments
		Date of Last OA	Performed By	Date of Next Scheduled OA			
Physician Assistant	Written	February 2005	Chauncey Group International on behalf of the National Commission on Certification of Physician Assistants, Inc. (NCCPA)	2012	<u>Criterion-referenced methodology:</u>  Yes    No  <u>Specify methodology:</u>  Modified Angoff  <u>Other (specify methodology):</u>	The national exam is developed and validated by test development staff of the National Board of Medical Examiners (NBME) under a contract with the NCCPA. The NBME works in coordination with the NCCPA's Test Development Committee. This process occurs twice each year.	The national exam is automated. Admission is arranged through the NCCPA. Test scoring and exam appeals are also handled by the NCCPA. The Physician Assistant Committee does not administer the exam nor do they contract with the NCCPA for its administration.

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]  
for the Physician Assistant Committee**

License Type	Prerequisites	Code or Regulation that Mandates		Prerequisites Are Supported by Most Recent Occupational Analysis (OA)	Prerequisites Are Justified By		Frequency of Assessment (in years)
		Statutory Code #	CCR#	Underline response	Describe methodology used to determine each prerequisite	<u>Underline</u> source of methodology	<u>Underline</u> appropriate number
Physician Assistant (PA)	Successfully complete approved PA training program	B&P 3519	CCR 1399.507	<u>Yes</u> No	Applicant must successfully complete a PA training program accredited by the Accreditation Review Commission on Education for the Physician Assistant (ARC-PA), or an approved predecessor. The training program director then submits a list of names of individuals who are eligible to take the Physician Assistant National Certifying Examination (PANCE).	Internal External <u>None</u>	<u>0</u> * 1 2 3 4 5 6 7 8 9  *The written examination is re-assessed every 5-7 years. The National Commission determines the frequency.

**Part 3: Estimate of the Costs and Personnel Required to Perform these Functions  
(Evaluation, Validation, and Development) [(Section 139(c)(4)]  
for the Physician Assistant Committee**

Examination Cost Element	Current Fee Authority to Cover Costs		Covered by Other Than Fee Authority		Examination Related Function Enter actual or estimated costs for all applicable cost elements and each function below.				
	<u>Underline</u> Response	<u>Underline</u> Response	<u>Underline</u> Response	<u>Underline</u> Response	Occupational Analysis (Cost per Occurrence)	Ongoing Examination Development (Cost per Year)	Examination Administration (Cost per Year)	Program Evaluation (Cost per Occurrence)	TOTALS
Personnel Years	Yes No	Yes No	Yes No	Yes No					
Personnel Years - Overtime	Yes No	Yes No	Yes No	Yes No					
Subject Matter Expert (SME)	Yes No	Yes No	Yes No	Yes No					
SME-Language Adaptation	Yes No	Yes No	Yes No	Yes No					
Travel Per Diem	Yes No	Yes No	Yes No	Yes No					
Honoraria	Yes No	Yes No	Yes No	Yes No					
Key Data Entry	Yes No	Yes No	Yes No	Yes No					
Printing and Mailing	Yes No	Yes No	Yes No	Yes No					
Contracted Services: OER (IAC)	Yes No	Yes No	Yes No	Yes No	The State does not perform any of the above noted functions and does not incur any costs relative to exams. Examinations are administered solely by outside agencies with no expense to the State.				
Contracted Services: Other	Yes No	Yes No	Yes No	Yes No					
National Association	Yes No	Yes No	Yes No	Yes No					
Other:	Yes No	Yes No	Yes No	Yes No					
<b>EXAM COST TOTALS:</b>									

# BOARD OF PODIATRIC MEDICINE

REPORT AS REQUIRED BY SECTION 139(c)  
 OF THE BUSINESS AND PROFESSIONS CODE  
 PREPARED BY: *BOARD OF PODIATRIC MEDICINE*  
 September 2007

Part 1: Examination Evaluation, Validation and Development [Section 139(c)(1)&(2); (d)]

Licensing Program	Type of Exam	Occupational Analysis (OA)			Examination Passing Score Methodology	Status of Test Development/ Validation	Comments
		Date of Last OA	Performed By	Date of Next Scheduled OA			
Doctor of Podiatric Medicine	National Board of Podiatric Medical Examiners (NBPME) Part III Exam	Fall 2006	NBPME	To be scheduled	<u>Criterion-referenced methodology:</u>  Yes      No  <u>Specify methodology:</u>  Modified Angoff  <u>Other (specify methodology):</u>	The NBPME's test development committee conducts workshops throughout the year in the areas of item writing, determining the exam cut score, and reviewing item performance.	

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]  
for the Board of Podiatric Medicine**

License Type	Prerequisites	Code or Regulation that Mandates		Prerequisites Are Supported by Most Recent Occupational Analysis (OA)	Prerequisites Are Justified By		Frequency of Assessment (in years)
		Statutory Code #	CCR#	Underline response	Describe methodology used to determine each prerequisite	Underline source of methodology	Underline appropriate number
	Graduation from an approved college or school of podiatric medicine	B&P 2486(a)		<u>Yes</u> No	Graduation is necessary, since the Board's examination tests readiness to enter practice.	<u>Internal</u> External None	0 <u>1</u> 2 3 4 5 6 7 8 9
	Passage of Parts I and II of the NBPME examination	B&P 2486(b)		<u>Yes</u> No	Passage of Parts I and II of the NBPME examination is necessary, as those parts test didactic knowledge, without which a candidate is not prepared to take an exam designed to test ability to perform in a clinical setting.	<u>Internal</u> External None	0 <u>1</u> 2 3 4 5 6 7 8 9
	Completion of two years of postgraduate training	B&P 248(c)		<u>Yes</u> No	American Podiatric Medical Association concluded that two years of postgraduate training was necessary to establish minimum competence. Certifying boards have also reached the same conclusion (i.e., American Podiatric Surgeons).	Internal <u>External</u> None	0 1 2 3 <u>4</u> 5 6 7 8 9

**Part 3: Estimate of the Costs and Personnel Required to Perform these Functions  
(Evaluation, Validation, and Development) [(Section 139(c)(4)]  
for the Board of Podiatric Medicine**

Examination Cost Element	Current Fee Authority to Cover Costs		Covered by Other Than Fee Authority		Examination Related Function Enter actual or estimated costs for all applicable cost elements and each function below.				
	<u>Underline</u> Response		<u>Underline</u> Response		Occupational Analysis (Cost per Occurrence)	Ongoing Examination Development (Cost per Year)	Examination Administration (Cost per Year)	Program Evaluation (Cost per Occurrence)	TOTALS
Personnel Years	Yes	No	Yes	No					
Personnel Years - Overtime	Yes	No	Yes	No					
Subject Matter Expert (SME)	Yes	No	Yes	No					
SME-Language Adaptation	Yes	No	Yes	No					
Travel Per Diem	Yes	No	Yes	No					
Honoraria	Yes	No	Yes	No					
Key Data Entry	Yes	No	Yes	No					
Printing and Mailing	Yes	No	Yes	No					
Contracted Services:	Yes	No	Yes	No					
Contracted Services:	Yes	No	Yes	No					
National Association	Yes	<u>No</u>	<u>Yes</u>	No	A one-time fee of \$1,000 to establish an ongoing contract with the National Board of Podiatric Medical Examiners (NBPME)*.				
EXAM COST TOTALS:									

\*Applicants pay a \$900 exam fee directly to the NBPME, which administers the examination (Parts I, II, and III). The Board neither collects nor has authority to collect a fee for the NBPME exam.

# BOARD OF PSYCHOLOGY

REPORT AS REQUIRED BY SECTION 139(c)  
OF THE BUSINESS AND PROFESSIONS CODE  
PREPARED BY: *BOARD OF PSYCHOLOGY*  
September 2007

Part 1: Examination Evaluation, Validation and Development [Section 139(c)(1)&(2); (d)]

Licensing Program	Type of Exam	Occupational Analysis (OA)			Examination Passing Score Methodology	Status of Test Development/ Validation	Comments
		Date of Last OA	Performed By	Date of Next Scheduled OA			
Psychologist	Computer Administered Written	Examination of Professional Psychology Practice (EPPP) September 2003	Association of State and Provincial Psychology Boards (ASPPB) Professional Examination Service	Full OA 2008  Comprehensive update was completed Fall 2003	<u>Criterion-referenced methodology:</u>  Yes    No  <u>Specify methodology:</u>  Modified Angoff  <u>Other (specify methodology):</u>	The ASPPB develops and owns the national written exam [Examination of Professional Psychology Practice (EPPP)]. The OER periodically monitors EPPP development and validation.  The OER oversees the development and validation of the California Psychology Supplemental Examination (CPSE).	
		CPSE 2003	OER	OER to perform OA once EPPP is completed			

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]  
for the Board of Psychology**

License Type	Prerequisites	Code or Regulation that Mandates		Prerequisites Are Supported by Most Recent Analysis (OA)	Prerequisites Are Justified By		Frequency of Assessment (in years)
		Statutory Code #	CCR#	Underline response	Describe methodology used to determine each prerequisite	<u>Underline</u> source of methodology	<u>Underline</u> appropriate number
Psychologist	Doctoral Degree	B&P 2914		<u>Yes</u> No	National Standards	Internal <u>External</u> None	0 <u>1</u> 2 3 4 5 6 7 8 9
	Supervised Professional Experience	B&P 2914	CCR 1387 et seq		National Standards	Internal <u>External</u> None	0 <u>1</u> 2 3 4 5 6 7 8 9

**Part 3: Estimate of the Costs and Personnel Required to Perform these Functions  
(Evaluation, Validation, and Development) [(Section 139(c)(4)]  
for the Board of Psychology**

Examination Cost Element	Current Fee Authority to Cover Costs		Covered by Other Than Fee Authority		Examination Related Function Enter actual or estimated costs for all applicable cost elements and each function below.				
	<u>Underline</u> Response	Response	<u>Underline</u> Response	Response	Occupational Analysis (Cost per Occurrence)	Ongoing Examination Development (Cost per Year)	Examination Administration (Cost per Year)	Program Evaluation (Cost per Occurrence)	TOTALS
Personnel Years	<u>Yes</u> No	Yes <u>No</u>	Yes <u>No</u>		20,000	60,000			\$80,000.00
Personnel Years - Overtime	Yes No	Yes No	Yes No						
Subject Matter Expert (SME)	<u>Yes</u> No	Yes <u>No</u>	Yes <u>No</u>		35,000	89,000			\$124,000.00
SME-Language Adaptation	Yes No	Yes No	Yes No						
Travel Per Diem	Yes No	Yes No	Yes No			inc. in SME			
Honoraria	Yes No	Yes No	Yes No			inc. in SME			
Key Data Entry	<u>Yes</u> No	Yes <u>No</u>	Yes <u>No</u>		500				\$500.00
Printing and Mailing	<u>Yes</u> No	Yes <u>No</u>	Yes <u>No</u>		1,000	1,500			\$2,500.00
Contracted Services: OER (IAC)	<u>Yes</u> No	Yes <u>No</u>	Yes <u>No</u>			57,500			\$57,500.00
Contracted Services: Other	Yes No	Yes No	Yes No						
National Association	<u>Yes</u> No	Yes <u>No</u>	Yes <u>No</u>		2,500				\$2,500.00
Other:	Yes No	Yes No	Yes No						
Other:	Yes No	Yes No	Yes No						
<b>EXAM COST TOTALS:</b>					\$59,000.00	\$208,000.00			\$267,000.00

# BOARD OF REGISTERED NURSING

REPORT AS REQUIRED BY SECTION 139(c)  
 OF THE BUSINESS AND PROFESSIONS CODE  
 PREPARED BY: *BOARD OF REGISTERED NURSING*  
 September 2007

Part 1: Examination Evaluation, Validation and Development [Section 139(c)(1)&(2); (d)]

Licensing Program	Type of Exam	Occupational Analysis (OA)			Examination Passing Score Methodology	Status of Test Development/ Validation	Comments
		Date of Last OA	Performed By	Date of Next Scheduled OA			
Registered Nurse (RN)	Written	2005	National Council of State Boards of Nursing (NCSBN)	2008	<u>Criterion-referenced methodology:</u>  <u>Yes</u> No  <u>Specify methodology:</u>  Item Response Theory  <u>Other (specify methodology):</u>	Validation is completed; development is ongoing.	The Board monitors the NCSBN examination validation and development processes to ensure that the national licensing exam meets California requirements for validity and job-relatedness. The empirical evidence to support the exam quality is set out in the <i>Report of Findings (2005 RN Practice Analysis)</i> . The NCSBN conducts OA studies every three years to keep pace with changes that can occur in nursing practice.

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]  
for the Board of Registered Nursing**

License Type	Prerequisites	Code or Regulation that Mandates		Prerequisites Are Supported by Most Recent Occupational Analysis (OA)	Prerequisites Are Justified By		Frequency of Assessment (in years)
		Statutory Code #	CCR#	Underline response	Describe methodology used to determine each prerequisite	Underline source of methodology	Underline appropriate number
RN	Fingerprints for criminal history background check	B&P 144		<u>Yes</u> No	Disciplinary actions against RNs demonstrate that the public needs to be protected from risks posed by RNs who have criminal convictions substantially related to the practice of nursing.	<u>Internal</u> External None	0 <u>1</u> 2 3 4 5 6 7 8 9
	High school education or equivalent, <u>and</u> completion of prescribed nursing school instruction	B&P 2736	CCR 1412, 1426	<u>Yes</u> No	<u>Internal</u> The Board employs 10 Nursing Education Consultants who are subject matter experts to evaluate the curricula of nursing programs in California. During their ongoing assessment of entry-level education, they utilize their expertise concerning nursing practice and minimum competencies required for safe nursing practice. <u>External</u> The Nurse Consultants convene meetings with deans and directors of nursing programs for annual input, and they regularly review statutes and regulations for needed changes. In addition, the Consultants refer to recent occupational analyses by the NCSBN and reports from national education entities such as American Association of Colleges of Nursing and the National League for Nursing. <u>Internal</u> The Board has established numerous alternative, equivalent methods to meet prerequisites to prevent any artificial barriers to licensure. Alternatives to traditional nursing degree programs include: Licensed Vocational Nurse "30-Unit Option" programs for career ladders, equivalent international education, and generic master's degree programs.	<u>Internal</u> External None	0 <u>1</u> 2 3 4 5 6 7 8 9

**Part 3: Estimate of the Costs and Personnel Required to Perform these Functions  
(Evaluation, Validation, and Development) [(Section 139(c)(4)]  
for the Board of Registered Nursing**

Examination Cost Element	Current Fee Authority to Cover Costs		Covered by Other Than Fee Authority		Examination Related Function Enter actual or estimated costs for all applicable cost elements and each function below.				
	<u>Underline</u> Response		<u>Underline</u> Response		Occupational Analysis (Cost per Occurrence)	Ongoing Examination Development (Cost per Year)	Examination Administration (Cost per Year)	Program Evaluation (Cost per Occurrence)	TOTALS
Personnel Years	Yes	No	Yes	No					
Personnel Years - Overtime	Yes	No	Yes	No					
Subject Matter Expert (SME)	Yes	No	Yes	No	Applicants pay the contractor to take the exam, and this fee covers all costs of exam evaluation, validation, and development.				
SME-Language Adaptation	Yes	No	Yes	No					
Travel Per Diem	Yes	No	Yes	No					
Honoraria	Yes	No	Yes	No					
Key Data Entry	Yes	No	Yes	No					
Printing and Mailing	Yes	No	Yes	No					
Contracted Services: OER(IAC)	Yes	No	Yes	No					
Contracted Services: Other	Yes	No	Yes	No					
National Association	Yes	<u>No</u>	<u>Yes</u>	No			6,500		\$6,500.00
Other: Exam Consultants	Yes	<u>No</u>	<u>Yes</u>	No			10,000		\$10,000.00
Other: Proctors	Yes	<u>No</u>	<u>Yes</u>	No			13,000		\$13,000.00
<b>EXAM COST TOTALS:</b>							<b>\$29,500.00</b>		<b>\$29,500.00</b>

# RESPIRATORY CARE BOARD

REPORT AS REQUIRED BY SECTION 139(c)  
 OF THE BUSINESS AND PROFESSIONS CODE  
 PREPARED BY: *RESPIRATORY CARE BOARD*  
 September 2007

Part 1: Examination Evaluation, Validation and Development [Section 139(c)(1)&(2); (d)]

Licensing Program	Type of Exam	Occupational Analysis			Examination Passing Score Methodology	Status of Test Development/ Validation	Comments
		Date of Last OA	Performed By	Date of Next Scheduled OA			
Respiratory Care Practitioner	Computer-Based Licensing Exam	2007 (in progress)	National Board for Respiratory Care (NBRC)	2012	<u>Criterion-referenced methodology:</u>  Yes      No  <u>Specify methodology:</u>  Modified Angoff  <u>Other (specify methodology):</u>	The NBRC is in the process of completing the job analysis for the licensing examination, which will result in new, detailed content outlines and test specifications that will be introduced July 2009.	Funding included in examination fees paid by applicants.

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]  
for the Respiratory Care Board**

License Type	Prerequisites	Code or Regulation that Mandates		Prerequisites Are Supported by Most Recent Occupational Analysis (OA)	Prerequisites Are Justified By		Frequency of Assessment (in years)
		Statutory Code #	CCR#	Underline response	Describe methodology used to determine each prerequisite	<u>Underline</u> source of methodology	<u>Underline</u> appropriate number
Respiratory Care Practitioner	Minimum: Associate degree	B&P 3740		<u>Yes</u> No	B&P Code Section 3740 requires that all applicants for licensure complete a Commission on Accreditation of Allied Health Education Programs (CAAHEP)-approved respiratory care program and be awarded a minimum of an Associate degree from an institution or university accredited by a regional accreditation agency or association recognized by the US Department of Education.	<u>Internal</u> External None	0* 1 2 3 4 5 6 7 8 9 *Ongoing
Respiratory Care Practitioner Foreign Trained	Hold a degree equivalent to that required by domestic applicant as well as completion of equivalent respiratory therapy educational program	B&P 3740		<u>Yes</u> No	Applicant must enroll in an approved respiratory program for evaluation of education, training, and proof of associate or higher level degree; must have completed the equivalent of a CAAHEP-approved program and possesses the knowledge and skills to competently and safely practice in accordance with national standards.	<u>Internal</u> External None	0* 1 2 3 4 5 6 7 8 9 *Ongoing

**Part 3: Estimate of the Costs and Personnel Required to Perform these Functions  
(Evaluation, Validation, and Development) [(Section 139(c)(4)]  
for the Respiratory Care Board**

COMPETENCY Examination Cost Element	Current Fee Authority to Cover Costs		Covered by Other Than Fee Authority		Examination Related Function Enter actual or estimated costs for all applicable cost elements and each function below.				
	<u>Underline</u> Response		<u>Underline</u> Response		Occupational Analysis (Cost per Occurrence)	Ongoing Examination Development (Cost per Year)	Examination Administration (Cost per Year)	Program Evaluation (Cost per Occurrence)	TOTALS
Personnel Years	Yes	No	Yes	No					
Personnel Years - Overtime	Yes	No	Yes	No					
Subject Matter Expert (SME)	Yes	No	Yes	No		The respiratory care licensure examination is administered by the National Board for Respiratory Care (NBRC). The NBRC develops the examination and provides an occupational analysis and examination update every 5 years. The contract with the NBRC requires that these services be provided at no cost to the Board. Applicant's fees cover other costs.			
SME-Language Adaptation	Yes	No	Yes	No					
Travel Per Diem	Yes	No	Yes	No					
Honoraria	Yes	No	Yes	No					
Key Data Entry	Yes	No	Yes	No					
Printing and Mailing	Yes	No	Yes	No					
Contracted Services: OER (IAC)	Yes	No	Yes	No					
Contracted Services: Other	Yes	No	Yes	No					
National Association	<u>Yes</u>	No	Yes	<u>No</u>			5,200		\$5,200.00
Other:	Yes	No	Yes	No					
Other:	Yes	No	Yes	No					
<b>EXAM COST TOTALS:</b>							\$5,200.00		\$5,200.00

# SPEECH-LANGUAGE PATHOLOGY AND AUDIOLOGY BOARD

REPORT AS REQUIRED BY SECTION 139(c)  
 OF THE BUSINESS AND PROFESSIONS CODE  
 PREPARED BY: *SPEECH-LANGUAGE PATHOLOGY  
 AND AUDIOLOGY BOARD*  
 September 2007

Part 1: Examination Evaluation, Validation and Development [Section 139(c)(1)&(2); (d)]

Licensing Program	Type of Exam	Occupational Analysis (OA)			Examination Passing Score Methodology	Status of Test Development/ Validation	Comments
		Date Of Last OA	Performed By	Date of Next Scheduled OA			
Speech-Language Pathologist	Written	March 2001	OER	2007	<u>Criterion-referenced methodology:</u>  Yes    No	<p>The Board does not administer a state examination. Applicants for licensure are required to pass the national examination in speech-language pathology or audiology administered as the Specialty Area Test of the Praxis Series by the Educational Testing Service (ETS).</p> <p>The job analysis and skills evaluation study for the national examination was conducted in 1999 for speech-language pathology and in 1995 for audiology by the ETS as employed by the American Speech-Language Hearing Association (ASHA).</p> <p>In 2002 a standard setting and validation study was conducted for both the audiology and speech-language pathology professional examinations by OER. The purpose of the study is to evaluate the blueprint of the examinations and to link the examination questions to the knowledge and skills statements derived from the job analysis and skills evaluation study. The data analysis coupled with other psychometric measures are applied and a minimum passing score is recommended.</p>	
Audiologist		2002	OER	2007	<u>Specify methodology:</u> Modified Tucker-Angoff  <u>Other (specify methodology):</u>		

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]  
for the Speech-Language Pathology and Audiology Board**

License Type	Prerequisites	Code or Regulation that Mandates		Prerequisites Are Supported by Most Recent Occupational Analysis (OA)	Prerequisites Are Justified By		Frequency of Assessment (in years)
		Statutory Code #	CCR#	Underline response	Describe methodology used to determine each prerequisite	Underline source of methodology	Underline appropriate number
Speech-Language Pathology (SP)  Audiology (AU)	Possess a master's degree from an approved educational institution (accredited by the Council on Academic Accreditation of ASHA, or qualifications deemed equivalent; evidence of completion of at least 60 semester units, with 24 of the units in courses meeting professional and related subjects; and 300 clock hours of supervised clinical practicum	B&P 2531 2532.2	CCR 1399.152 through 1399.153.9	<u>Yes</u> No	Current level of regulation was elicited by voluntary testimony of communicatively disabled persons testifying during public hearing in 1996 and supported by speech-language pathologists, audiologists, and educators in the state's public and private university training programs and related medical professionals.  The standards for state licensure were modeled after the ASHA, the national professional organization for speech-language pathology and audiology, standards for certification of clinical competence (CCC).	<u>Internal</u> <u>External</u> None	0 1 2 3 4 <u>5</u> 6 7 8 9

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]  
for the Speech-Language Pathology and Audiology Board**

License Type	Prerequisites	Code or Regulation that Mandates		Prerequisites Are Supported by Most Recent Occupational Analysis (OA)	Prerequisites Are Justified By	Frequency of Assessment (in years)	
		Statutory Code #	CCR#	Underline response			Describe methodology used to determine each prerequisite.
Speech-Language Pathology (SP)  Audiology (AU)	Evidence of completion of at least 36 weeks of full-time postgraduate required professional experience under the supervision of a licensed practitioner (the experience is adjusted for longer periods for part-time employment); passing the Praxis Examination in Speech-Language Pathology and/or Audiology	B&P 2531 2532	CCR 1399.152 through 1399.153.9	<u>Yes</u> No	The Board contracted with the OER to conduct an OA for the practice of speech-language pathology to determine whether the requirements for licensure are reflective of current practice and protect the health, welfare, and safety of the public being served.  The OER reviewed the American-Speech-Language Hearing Association's 1995 OA of the practice of audiology conducted by the Education Testing Service (ETS) to determine whether the report is representative of the practice in California and can validate the national examination for the purpose of state licensure. The OER's OA confirmed that the national study reflects California standards; however, the Board suggested future amendments to exam content.	<u>Internal</u> <u>External</u> None	0 1 2 3 4 <u>5</u> 6 7 8 9

Comments: The Board holds at least 4 meetings each year to discuss changes in practice standards/amendments regarding requirements for licensure, holds all required meetings, hearings, and invites all interested parties in developing licensing standards. The ASHA charges a semiautonomous body to conduct research on standards for national certification in the field of speech-language pathology and audiology. The data derived from this research is used to evaluate and, if necessary, modify the national standards. Since the Board deems that the standards required for the national Certificate in Clinical Competence for Speech-Language Pathology and Audiology is equivalent to the requirements for licensure, the national research is examined by the Board for potential impact to licensing requirements. The most recent research conducted by the ASHA's standards body was in 2000-2001. The research prompted a change in national standards for speech-language pathology effective 2005 and 2007 for audiology. The Board is currently in the process of reviewing the changes in the national standards.

**Part 3: Estimate of the Costs and Personnel Required to Perform these Functions  
(Evaluation, Validation, and Development) [(Section 139(c)(4)]  
for the Speech-Language Pathology and Audiology Board**

Examination Cost Element	Current Fee Authority to Cover Costs		Covered by Other Than Fee Authority		Examination Related Function Enter actual or estimated costs for all applicable cost elements and each function below.				
	<u>Underline</u> Response	<u>Underline</u> Response	<u>Underline</u> Response	<u>Underline</u> Response	Occupational Analysis (Cost per Occurrence)	Ongoing Examination Development (Cost per Year)	Examination Administration (Cost per Year)	Program Evaluation (Cost per Occurrence)	TOTALS
Personnel Years	Yes <u>No</u>	<u>Yes</u> No	<u>Yes</u> No		4,000				\$4,000.00
Personnel Years - Overtime	Yes No	Yes No	Yes No						
Subject Matter Expert (SME)	Yes <u>No</u>	<u>Yes</u> No	<u>Yes</u> No		10,800				\$10,800.00
SME-Language Adaptation	Yes No	Yes No	Yes No						
Travel Per Diem	Yes <u>No</u>	<u>Yes</u> No	<u>Yes</u> No		1,800				\$1,800.00
Honoraria	Yes No	Yes No	Yes No						
Key Data Entry	Yes <u>No</u>	<u>Yes</u> No	<u>Yes</u> No		1,300				\$1,300.00
Printing and Mailing	Yes <u>No</u>	<u>Yes</u> No	<u>Yes</u> No		5,000				\$ 5,000.00
Contracted Services: OER (IAC)	Yes <u>No</u>	<u>Yes</u> No	<u>Yes</u> No		65,000				\$ 65,000.00
Contracted Services: Other	Yes No	Yes No	Yes No						
National Association *	Yes No	Yes No	Yes No				Costs are borne by national vendor.		
Other:	Yes No	Yes No	Yes No						
Other:	Yes No	Yes No	Yes No						
EXAM COST TOTALS:					\$87,900.00				\$87,900.00

# STRUCTURAL PEST CONTROL BOARD

REPORT AS REQUIRED BY SECTION 139(c)  
OF THE BUSINESS AND PROFESSIONS CODE  
PREPARED BY: *STRUCTURAL PEST CONTROL BOARD*  
September 2007

Part 1: Examination Evaluation, Validation and Development [Section 139(c)(1)&(2); (d)]

Licensing Program	Type of Exam	Occupational Analysis (OA)			Examination Passing Score Methodology	Status of Test Development/ Validation	Comments
		Date of Last OA	Performed By	Date of Next Scheduled OA			
Operator Branch 1 Fumigation	Written	2005	OER	Not scheduled due to recent OA	<u>Criterion-referenced methodology:</u> Yes <u>No</u>	The Board has contracted with the outside vendor, Comira, for examination development services in 2007. Exam development/validation will begin with the Operator and Field Representative Branch 3 exams.  AB 446 eliminated the wood roof cleaning and treatment licensing category.	
Field Representative Branch 1 Fumigation							
Operator Branch 2 General Pest		1999/ 2000	OER	Next scheduled OA is unknown. The SPCB is considering an outside vendor process.	<u>Specify methodology:</u>  Fixed passing score of 70% or higher		
Field Representative Branch 2 General Pest		1999/ 2000	OER				
Applicator		1999/ 2000	OER				
Operator Branch 3 Wood Destroying Pests and Organisms		2002	OER	Not scheduled due to recent OA	<u>Other (specify methodology):</u>  Specified in statute Business & Professions Code Section 8560		
Field Representative Branch 3 Wood Destroying Pests and Organisms		2002	OER	Not scheduled due to recent OA			

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]  
for the Structural Pest Control Board**

License Type	Prerequisites	Code or Regulation that Mandates		Prerequisites Are Supported by Most Recent Occupational Analysis (OA)	Prerequisites Are Justified By		Frequency of Assessment (in years)
		Statutory Code #	CCR#	Underline response	Describe methodology used to determine each prerequisite	<u>Underline</u> source of methodology	<u>Underline</u> Appropriate number
Operator Branch 1	18 years of age or older; 2 years experience in Branch 1, one of which must have been as a licensed Structural Pest Control Board Field Representative in Branch 1; completion of required Board-approved courses in specified areas	B&P 8561 8562 8565		Yes <u>No</u>	Legislation originally determined basic prerequisites; methodology unknown. The Board periodically reviews based on industry and enforcement trends.	<u>Internal</u> <u>External</u> None	0 1 2 3 4 <u>5</u> 6 7 8 9
Operator Branch 2	18 years of age or older; 2 years experience in Branch 2, one of which must have been as a licensed Structural Pest Control Board Field Representative in Branch 2; completion of required Board-approved courses in specified areas	B&P 8561 8562 8565		Yes <u>No</u>	Legislation originally determined basic prerequisites; methodology unknown. The Board periodically reviews based on industry and enforcement trends.	<u>Internal</u> <u>External</u> None	0 1 2 3 4 <u>5</u> 6 7 8 9

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]  
for the Structural Pest Control Board**

License Type	Prerequisites	Code or Regulation that Mandates		Prerequisites Are Supported by Most Recent Occupational Analysis (OA)	Prerequisites Are Justified By		Frequency of Assessment  (in years)
		Statutory Code #	CCR#	Underline response	Describe methodology used to determine each prerequisite	<u>Underline</u> source of methodology	<u>Underline</u> Appropriate number
Operator Branch 3	18 years of age or older; 4 years experience in Branch 3, one of which must have been as a licensed Structural Pest Control Board Field Representative in Branch 3; completion of required Board-approved courses in specified areas	B&P 8561 8562 8565		Yes <u>No</u>	Legislation originally determined basic prerequisites; methodology unknown. The Board periodically reviews based on industry and enforcement trends.	<u>Internal</u> <u>External</u> None	0 1 2 3 4 <u>5</u> 6 7 8 9
Field Representative Branch 1	18 years of age or older; six months of training and experience in the practice of fumigating with poisonous or lethal gases under the immediate supervision of an individual licensed to practice fumigating; 100 hours of which must have been actual field work, or the equivalent of that training and experience.	B&P 8563 8564 8566	CCR 1937	Yes <u>No</u>	Legislation originally determined basic prerequisites; methodology unknown. The Board periodically reviews based on industry and enforcement trends.	<u>Internal</u> <u>External</u> None	0 1 2 3 4 <u>5</u> 6 7 8 9

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]  
for the Structural Pest Control Board**

License Type	Prerequisites	Code or Regulation that Mandates		Prerequisites Are Supported by Most Recent Occupational Analysis (OA)	Prerequisites Are Justified By		Frequency of Assessment  (in years)
		Statutory Code #	CCR#	Underline response	Describe methodology used to determine each prerequisite.	<u>Underline</u> source of methodology	<u>Underline</u> Appropriate number
Field Representative Branch 2	18 years of age or older; 40 hours of training and experience in the practice of pesticide application; Branch 2 pest identification and biology, pesticide application equipment, and pesticide hazards and safety practice under the immediate supervision of an operator or field representative licensed in Branch 2, 20 hours of which must have been actual field work, or the equivalent of that training and experience	B&P 8563 8564 8566	CCR 1937	Yes <u>No</u>	Legislation originally determined basic prerequisites; methodology unknown. Board periodically reviews based on industry and enforcement trends.	<u>Internal</u> <u>External</u> None	0 1 2 3 4 <u>5</u> 6 7 8 9
Field Representative Branch 3	18 years of age or older, 100 hours of training and experience in the practice of pesticide application, Branch 3 pest identification and biology, pesticide application equipment, hazards, safety practices, structural repairs and inspection procedures, and report writing under the immediate supervision of an operator or field representative licensed in Branch 3, 80 hours must have been actual field work, or the equivalent of that training and experience	B&P 8563 8564 8566	CCR 1937	Yes <u>No</u>	Legislation originally determined basic prerequisites; methodology unknown. Board periodically reviews based on industry and enforcement trends.	<u>Internal</u> <u>External</u> None	0 1 2 3 4 <u>5</u> 6 7 8 9

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]  
for the Structural Pest Control Board**

License Type	Prerequisites	Code or Regulation that Mandates		Prerequisites Are Supported by Most Recent Occupational Analysis (OA)	Prerequisites Are Justified By		Frequency of Assessment (in years)
		Statutory Code #	CCR#	Underline response	Describe methodology used to determine each prerequisite	Underline source of methodology	Underline Appropriate number
Applicator	18 years of age or older	B&P 8564.5		Yes <u>No</u>	Legislation originally determined basic prerequisites; methodology unknown. The Board periodically reviews based on industry and enforcement trends.	<u>Internal</u> <u>External</u> None	0 1 2 3 4 <u>5</u> 6 7 8 9

**Part 3: Estimate of the Costs and Personnel Required to Perform these Functions  
(Evaluation, Validation, and Development) [(Section 139(c)(4)]  
for the Structural Pest Control Board**

Examination Cost Element	Current Fee Authority to Cover Costs		Covered by Other Than Fee Authority		Examination Related Function Enter actual or estimated costs for all applicable cost elements and each function below.				
	<u>Yes</u>	<u>No</u>	<u>Yes</u>	No	Occupational Analysis (Cost per Occurrence)	Ongoing Examination Development (Cost per Year)	Examination Administration (Cost per Year)	Program Evaluation (Cost per Occurrence)	TOTALS
Personnel Years	Yes	<u>No</u>	<u>Yes</u>	No	7,422	51,954	64,790		\$124,166.00
Personnel Years – Overtime	Yes	No	Yes	No					
Subject Matter Expert (SME)	Yes	No	Yes	No					
SME-Language Adaptation	Yes	No	Yes	No					
Travel Per Diem	Yes	<u>No</u>	<u>Yes</u>	No	133	40,676			\$40,809.00
Honoraria	Yes	<u>No</u>	<u>Yes</u>	No	225	27,000			\$27,225.00
Key Data Entry	Yes	No	Yes	No					
Printing and Mailing	Yes	<u>No</u>	<u>Yes</u>	No	5,997	5,997			\$11,994.00
Contracted Services: OER (IAC)	Yes	<u>No</u>	<u>Yes</u>	No					
Contracted Services: Other	Yes	No	Yes	No		140,000			\$140,000.00
National Association	Yes	No	Yes	No					
Other: SME Airfare	Yes	<u>No</u>	<u>Yes</u>	No		13,663			\$13,663.00
Other: Proctors	Yes	<u>No</u>	<u>Yes</u>	No			12,222		\$12,222.00
Other: Room Contractors	Yes	<u>No</u>	<u>Yes</u>	No			23,000		\$23,000
<b>EXAM COST TOTALS:</b>					\$13,777.00	\$279,290.00	\$100,012.00		\$393,079

VETERINARY MEDICAL BOARD  
(REGISTERED VETERINARY TECHNICIAN  
EXAMINING COMMITTEE)

REPORT AS REQUIRED BY SECTION 139(c)  
 OF THE BUSINESS AND PROFESSIONS CODE  
 PREPARED BY: *VETERINARY MEDICAL BOARD AND  
 REGISTERED VETERINARY TECHNICIAN COMMITTEE*  
 September 2007

Part 1: Examination Evaluation, Validation and Development [Section 139(c)(1)&(2); (d)]

Licensing Program	Type of Exam	Occupational Analysis (OA)			Examination Passing Score Methodology	Status of Test Development/ Validation	Comments
		Date of Last OA	Performed By	Date of Next Scheduled OA			
Veterinarian	Written	2001	OER	Not scheduled due to recent OA	<u>Criterion-referenced methodology:</u>  Yes      No  <u>Specify methodology:</u>  Modified Angoff  <u>Other (specify methodology):</u>	The OER develops and validates California-specific portion of exam on a continuous basis.	Licensure requires passage of the national exam. The National Board of Veterinary Medical Examiners (NBVME) completed the 2003 OA on the national veterinary licensing exams, and this test blueprint is reflected beginning with the Fall 2005 test administration. Licensure requires passage of the Veterinary Law Exam (VLE).
Registered Veterinary Technician (RVT)		July 2004	OER	Not scheduled due to recent OA			

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]  
for the Veterinary Medical Board**

License Type	Prerequisites	Code or Regulation that Mandates		Prerequisites Are Supported by Most Recent Occupational Analysis (OA)		Prerequisites Are Justified By		Frequency of Assessment (in years)
		Statutory Code #	CCR#	Underline response		Describe methodology used to determine each prerequisite.	Underline source of methodology	Underline appropriate number
Veterinary - Regular License	Veterinary school graduate	B&P 4848	CCR 2022 2023	<u>Yes</u>	No	The American Veterinary Medical Association (AVMA) Council on Education is accrediting agency for colleges of veterinary medicine in US and Canada*	<u>Internal</u> <u>External</u> None	1 2 3 4 5 6 <u>7</u> * 8 9 *Ongoing
	North American Veterinary Licensing Exam (NAVLE)	B&P 4848	CCR 2010.1 2014	<u>Yes</u>	No	National Board of Veterinary Medical Examiners (NBVME) occupational analysis*	<u>Internal</u> <u>External</u> None	0 1 2 3 4 5* 6 7 8 9 *Ongoing
	California State Board Exam (CSB)	B&P 4848	CCR 2014	<u>Yes</u>	No	The Veterinary Medical Board (VMB) ; OA conducted every 5 – 7 years*	<u>Internal</u> <u>External</u> None	0 1 2 3 4 5* 6 7 8 9 *Ongoing
	Veterinary Law Exam (VLE) *UCD Exempt	B&P 4848	CCR 2014 2015.2	<u>Yes</u>	No	The VMB regulatory changes in minimum standards and record keeping*	<u>Internal</u> <u>External</u> None	0 1 2 3 4 5* 6 7 8 9 *Ongoing

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]  
for the Veterinary Medical Board**

License Type	Prerequisites	Code or Regulation that Mandates		Prerequisites Are Supported by Most Recent Occupational Analysis (OA)	Prerequisites Are Justified By		Frequency of Assessment (in years)
		Statutory Code #	CCR#	Underline response	Describe methodology used to determine each prerequisite	<u>Underline</u> source of methodology	<u>Underline</u> appropriate number
Veterinary - Regular License	Educational Commission for Foreign Veterinary Graduates (ECFVG) or Program for the Assessment of Veterinary Education Equivalence (PAVE) Certificate of completion for foreign graduates	B&P 4846.1 4846.2	CCR 2024 2025	<u>Yes</u> No	The AVMA's ECFVG program and American Association of Veterinary State Boards (AAVSB) program for the PAVE evaluates foreign graduates to determine whether they have education comparable to accredited veterinary colleges*	<u>Internal</u> <u>External</u> None	0 1 2 3 4 <u>5</u> * 6 7 8 9 *Ongoing
Reciprocity – Temporary and Permanent Licenses	Out of state license; 4 years of full-time experience within last 5 years; national exams; license in good standing; completion of California curriculum	B&P 4848	CCR 2021 2021.1 2021.3	<u>Yes</u> No	Legislative change to reduce barriers for out of state veterinarians applying for license in California*	<u>Internal</u> <u>External</u> None	0 1 2 3 4 <u>5</u> * 6 7 8 9 *Ongoing
Temporary License – Internship	Enrollment in internship program; supervision by Board-certified licensed California veterinarian	B&P 4848	CCR 2021 2021.1	<u>Yes</u> No	Legislative change to create temporary license status for applicants in a qualifying residency/internship program*	<u>Internal</u> <u>External</u> None	0 1 2 3 4 <u>5</u> * 6 7 8 9 *Ongoing

**Part 3: Estimate of the Costs and Personnel Required to Perform these Functions  
(Evaluation, Validation, and Development) [(Section 139(c)(4)]  
for the Veterinary Medical Board**

Examination Cost Element	Current Fee Authority to Cover Costs		Covered By Other Than Fee Authority		Examination Related Function Enter actual or estimated costs for all applicable cost elements and each function below.				
	<u>Underline</u> Response	Response	<u>Underline</u> Response	Response	Occupational Analysis (Cost per Occurrence)	Ongoing Examination Development (Cost per Year)	Examination Administration (Cost per Year)	Program Evaluation (Cost per Occurrence)	TOTALS
Personnel Years***	<u>Yes</u> No	Yes <u>No</u>	Yes <u>No</u>	No	69,000	19,800	39,300		\$128,100.00
Personnel Years - Overtime	Yes No	Yes No	Yes No	No					
Subject Matter Expert (SME)	<u>Yes</u> No	Yes <u>No</u>	Yes <u>No</u>	No	11,500	10,025			\$21,525.00
SME-Language Adaptation	Yes No	Yes No	Yes No	No					
Travel Per Diem	<u>Yes</u> No	Yes <u>No</u>	Yes <u>No</u>	No	14,000	12,000			\$26,000.00
Honoraria	Yes No	Yes No	Yes No	No					
Key Data Entry	<u>Yes</u> No	Yes <u>No</u>	Yes <u>No</u>	No	4,584	2,160			\$6,744.00
Printing and Mailing	<u>Yes</u> No	Yes <u>No</u>	Yes <u>No</u>	No	7,546		5,468		\$13,014.00
Contracted Services: OER (IAC)	<u>Yes</u> No	Yes <u>No</u>	Yes <u>No</u>	No	57,814	10,506*			\$68,320.00
Contracted Services: Psychological Services, LLC	Yes No	Yes No	Yes No	No			25,760		\$25,760.00
National Association	Yes No	Yes No	Yes No	No					
Other: Room contractors	<u>Yes</u> No	Yes <u>No</u>	Yes <u>No</u>	No					
Other:	Yes No	Yes No	Yes No	No					
<b>EXAM COST TOTALS:</b>					<b>\$164,444.00**</b>	<b>\$54,491.00</b>	<b>\$70,528.00</b>		<b>\$289,463.00</b>

\*Does not include pro rata for exam scoring and Test Scoring and Item Analysis (TSIA); lower figures in 2007/2008 due to postponement of item writing and review workshops.

\*\*Occupational analysis costs figured per occurrence every 7 years.

\*\*\*Personnel Years expenses increased 10% due to salaries and benefits.

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]  
for the Registered Veterinary Technician Committee**

License Type	Prerequisites	Code or Regulation that Mandates		Prerequisites Are Supported by Most Recent Occupational Analysis (OA)	Prerequisites Are Justified By		Frequency of Assessment (in years)
		Statutory Code #	CCR#	Underline response	Describe methodology used to determine each prerequisite	Underline source of methodology	Underline appropriate number
RVT	RVT Examination	B&P 4841.5 4833 4839		<u>Yes</u> No	RVT OA conducted every 5 to 7 years*	<u>Internal</u> <u>External</u> None	0 1 2 3 4 <u>5</u> * 6 7 8 9 *Ongoing
	Graduate of AVMA-approved RVT program	B&P 4841.5 4833 4839		<u>Yes</u> No	2-year college program approved by AVMA/ CVTEA*	<u>Internal</u> <u>External</u> None	0 1 2 3 4 5 6 <u>7</u> * 8 9 *Ongoing
	Graduate of California-approved RVT Program	B&P 4841.5 4833 4839	CCR 2065	<u>Yes</u> No	California-approved program approved by DCA Bureau for Private Postsecondary and Vocational Education; approved by VMB/RVTC*	<u>Internal</u> <u>External</u> None	0 1 2 3 4 <u>5</u> * 6 7 8 9 *Ongoing
	Graduate of non-AVMA approved RVT 2-year community college program and 18 months of practical experience	B&P 4841.5 4833 4839	CCR 2067	<u>Yes</u> No	2-year community college program but not approved by AVMA*	<u>Internal</u> <u>External</u> None	0 1 2 3 4 5 6 <u>7</u> * 8 9 *Ongoing

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]  
for the Registered Veterinary Technician Committee**

License Type	Prerequisites	Code or Regulation that Mandates		Prerequisites Are Supported by Most Recent Occupational Analysis (OA)	Prerequisites Are Justified By		Frequency of Assessment (in years)
		Statutory Code #	CCR#	Underline response	Describe methodology used to determine each prerequisite	Underline source of methodology	Underline appropriate number
RVT	Bachelor of Science or Bachelor of Arts degree in animal science field and 12 months of practical experience	B&P 4841.5 4833 4839	CCR 2068	<u>Yes</u> No	4-year college degree program in animal science related field*	<u>Internal</u> <u>External</u> None	0 1 2 3 4 5 6 <u>7</u> * 8 9 *Ongoing
	20 semester units, 30 quarter units or 300 hours of instruction in RVT task areas; and 36 months of practical experience	B&P 4841.5 4833 4839	CCR 2068.5	<u>Yes</u> No	VMB/RVTC evaluation of instruction hours and/or college instruction*	<u>Internal</u> <u>External</u> None	0 1 2 3 4 5 <u>5</u> * 6 7 8 9 *Ongoing
	Out of state RVT and 36 months of practical experience	B&P 4841.5 4833 4839	CCR 2068.6	<u>Yes</u> No	Out of state RVT licensure in good standing and verification of written state board exam*	<u>Internal</u> <u>External</u> None	0 1 2 3 4 5 <u>5</u> * 6 7 8 9 *Ongoing

**Part 3: Estimate of the Costs and Personnel Required to Perform these Functions  
(Evaluation, Validation, and Development) [(Section 139(c)(4)]  
for the Registered Veterinary Technician Committee**

Examination Cost Element	Current Fee Authority to Cover Costs		Covered by Other Than Fee Authority		Examination Related Function Enter actual or estimated costs for all applicable cost elements and each function below.				
	<u>Yes</u>	No	<u>Yes</u>	No	Occupational Analysis (Cost per Occurrence)	Ongoing Examination Development (Cost per Year)	Examination Administration (Cost per Year)	Program Evaluation (Cost per Occurrence)	TOTALS
Personnel Years***	<u>Yes</u>	No	<u>Yes</u>	No	69,000	19,800	39,300		\$128,100.00
Personnel Years - Overtime	Yes	No	Yes	No					
Subject Matter Expert (SME)	<u>Yes</u>	No	<u>Yes</u>	No	11,500	10,025			\$21,525.00
SME-Language Adaptation	Yes	No	Yes	No					
Travel Per Diem	<u>Yes</u>	No	<u>Yes</u>	No	14,000	12,000			\$26,000.00
Honoraria	Yes	No	Yes	No					
Key Data Entry	<u>Yes</u>	No	<u>Yes</u>	No	6,168	2,160			\$8,328.00
Printing and Mailing	<u>Yes</u>	No	<u>Yes</u>	No	7,546		5,468		\$13,014.00
Contracted Services: OER (IAC)	<u>Yes</u>	No	<u>Yes</u>	No	50,758	10,506*			\$61,264.00
Contracted Services: Psychological Services, LLC	<u>Yes</u>	No	<u>Yes</u>	No			22,962		\$22,962.00
National Association	Yes	No	Yes	No					
Other: Room Contractors	Yes	No	Yes	No					
Other:	Yes	No	Yes	No					
<b>EXAM COST TOTALS:</b>					<b>\$158,972.00**</b>	<b>\$54,491.00</b>	<b>\$67,730.00</b>		<b>\$281,193.00</b>

\*Does not include pro rata for exam scoring and Test Scoring and Item Analysis (TSIA); lower figures in 2007/2008 due to postponement of item writing and review workshops.

\*\*Occupational Analysis costs figured per occurrence every 7 years.

\*\*\*Personnel Years expenses increased 10% due to salaries and benefits.

# BOARD OF VOCATIONAL NURSING AND PSYCHIATRIC TECHNICIANS

REPORT AS REQUIRED BY SECTION 139(c)  
 OF THE BUSINESS AND PROFESSIONS CODE  
 PREPARED BY: *BOARD OF VOCATIONAL NURSING  
 AND PSYCHIATRIC TECHNICIANS*  
 September 2007

Part 1: Examination Evaluation, Validation and Development [Section 139(c)(1)&(2); (d)]

Licensing Program	Type of Exam	Occupational Analysis (OA)			Examination Passing Score Methodology	Status of Test Development/ Validation	Comments
		Date of Last OA	Performed By	Date of Next Scheduled OA			
Licensed Vocational Nurse (LVN)	Computer Adaptive	2006	National Council of State Boards of Nursing (NCSBN)	2009	<u>Criterion-referenced methodology:</u>  <u>Yes</u> No  <u>Specify methodology:</u>  Modified Angoff  <u>Other (specify methodology):</u>	An occupational analysis was completed in October 2006. The analysis was adopted by the Board in February 2007 as the basis for the new examination. Administration of examinations based on the new test plan will begin January 2009.	Since October 1, 2002, the exam has been administered in one of the National Council of State Boards of Nursing (NCSBN) Pearson Professional Centers.
Psychiatric Technician (PT)	Computer Linear	2006	OER	2011	<u>Criterion-referenced methodology:</u>  <u>Yes</u> No  <u>Specify methodology:</u>  Modified Angoff  <u>Other (specify methodology):</u>	An occupational analysis was performed in January 2006 and adopted by the Board as the basis for the new examination. Administration of the new examination will begin January 2009.	Since September 1999, the examination has been administered in centers of the department's automated exam vendor. The current vendor is Psychological Services LLC (PSI).

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]  
for the Board of Vocational Nursing and Psychiatric Technicians**

License Type	Prerequisites	Code or Regulation that Mandates		Prerequisites Are Supported by Most Recent Occupational Analysis (OA)	Prerequisites Are Justified By		Frequency of Assessment (in years)
		Statutory Code #	CCR#	Underline response	Describe methodology used to determine each prerequisite	<u>Underline</u> source of methodology	<u>Underline</u> appropriate number
LVN	No less than 17 years of age	B&P 2866(a)		<u>Yes</u> No	Review and analysis of OA respondent data.	Internal <u>External</u> None	0 1 2 <u>3</u> 4 5 6 7 8 9
	High school diploma or equivalent	B&P 2866(b)		<u>Yes</u> No	Review and analysis of OA respondent data.	Internal <u>External</u> None	0 1 2 <u>3</u> 4 5 6 7 8 9
	Successful completion of a prescribed course of study in an accredited school or the equivalent thereof	B&P 2866(c)	CCR 2516	<u>Yes</u> No	Review, analysis, and evaluation of completed education and experience. Review and analysis of OA respondent data.	Internal <u>External</u> None	0 1 2 <u>3</u> 4 5 6 7 8 9

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]  
for the Board of Vocational Nursing and Psychiatric Technicians**

License Type	Prerequisites	Code or Regulation that Mandates		Prerequisites Are Supported by Most Recent Occupational Analysis (OA)	Prerequisites Are Justified By		Frequency of Assessment  (in years)
		Statutory Code #	CCR#	Underline response	Describe methodology used to determine each prerequisite.	<u>Underline</u> source of methodology	<u>Underline</u> appropriate number
LVN (cont)	Free of convictions or acts that constitute grounds for disciplinary action as an LVN	B&P 2866(d)	CCR 2521	<u>Yes</u> No	Review, analysis, and evaluation of court documents, Department of Motor Vehicles (DMV) records, Department of Justice (DOJ), and Federal Bureau of Investigation (FBI) reports	Internal <u>External</u> None	0 1 2 <u>3</u> 4 5 6 7 8 9
PT	No less than 18 years of age	B&P 4511(a)		<u>Yes</u> No	Review and analysis of OA respondent data.	Internal <u>External</u> None	0 1 2 3 4 <u>5</u> 6 7 8 9
	High school diploma or equivalent	B&P 4511(b)	CCR 2585(g)	<u>Yes</u> No	Review and analysis of OA respondent data.	Internal <u>External</u> None	0 1 2 3 4 <u>5</u> 6 7 8 9
	Successful completion of a prescribed course of study in an accredited school or the equivalent thereof	B&P 4511(c)	CCR 2575 2586 2587 2588 2588.1	<u>Yes</u> No	Review, analysis, and evaluation of completed education and experience. Review and analysis of OA respondent data.	Internal <u>External</u> None	0 1 2 3 4 <u>5</u> 6 7 8 9
	Free of convictions or acts that constitute grounds for disciplinary action as a PT	B&P 4511(d)	CCR 2578	<u>Yes</u> No	Review, analysis, and evaluation of court documents, DMV records, DOJ, and FBI reports	Internal <u>External</u> None	0 1 2 3 4 <u>5</u> 6 7 8 9

**Part 3: Estimate of the Costs and Personnel Required to Perform these Functions  
(Evaluation, Validation, and Development) [(Section 139(c)(4)]  
for the Board of Vocational Nursing and Psychiatric Technicians**

Examination Cost Element  <b>for LVN</b>	Current Fee Authority to Cover Costs		Covered by Other Than Fee Authority		Examination Related Function Enter actual or estimated costs for all applicable cost elements and each function below.				
	<u>Underline</u> Response	<u>Underline</u> Response	<u>Underline</u> Response	<u>Underline</u> Response	Occupational Analysis (Cost per Occurrence)	Ongoing Examination Development (Cost per Year)	Examination Administration (Cost per Year)	Program Evaluation (Cost per Occurrence)	TOTALS
Personnel Years	Yes No	Yes No	Yes No	Yes No					
Personnel Years - Overtime	Yes No	Yes No	Yes No	Yes No	<i>Vocational Nursing Program Costs Only:</i> Costs relative to the evaluation, validation, and development of the National Council Licensure Examination for Practical/Vocational Nursing (NCLEX/PN) are included in Member Board fees of \$3,000.00, payable to the National Council of State Boards of Nursing, Inc. on an annual basis.				
Subject Matter Expert (SME)	Yes No	Yes No	Yes No	Yes No					
SME-Language Adaptation	Yes No	Yes No	Yes No	Yes No					
Travel Per Diem	Yes No	Yes No	Yes No	Yes No					
Honoraria	Yes No	Yes No	Yes No	Yes No					
Key Data Entry	Yes No	Yes No	Yes No	Yes No					
Printing and Mailing	Yes No	Yes No	Yes No	Yes No					
Contracted Services: OER (IAC)	Yes No	Yes No	Yes No	Yes No					
Contracted Services: Other	Yes No	Yes No	Yes No	Yes No					
National Association	<u>Yes</u> No	Yes <u>No</u>	Yes <u>No</u>	Yes <u>No</u>		3,000.00			\$3,000.00
Other:	Yes No	Yes No	Yes No	Yes No					
Other:	Yes No	Yes No	Yes No	Yes No					
<b>EXAM COST TOTALS:</b>						\$3,000.00			\$3,000.00

**Part 3: Estimate of the Costs and Personnel Required to Perform these Functions  
(Evaluation, Validation, and Development) [(Section 139(c)(1)(2)]  
for the Board of Vocational Nursing and Psychiatric Technicians**

Examination Cost Element for PT	Current Fee Authority to Cover Costs		Covered by Other Than Fee Authority		Examination Related Function Enter actual or estimated costs for all applicable cost elements and each function below.				
	Underline Response	Underline Response	Underline Response	Underline Response	Occupational Analysis (Cost per Occurrence)	Ongoing Examination Development (Cost per Year)	Examination Administration (Cost per Year)	Program Evaluation (Cost per Occurrence)	TOTALS
Personnel Years	Yes No	Yes No	Yes No	Yes No					
Personnel Years - Overtime	Yes No	Yes No	Yes No	Yes No					
Subject Matter Expert (SME)	Yes <u>No</u>	<u>Yes</u> No	<u>Yes</u> No	Yes No	0**	23,546.37			\$23,546.37
SME-Language Adaptation	Yes No	Yes No	Yes No	Yes No					
Travel Per Diem	Yes <u>No</u>	<u>Yes</u> No	<u>Yes</u> No	Yes No	2,581.14	34,637.49			\$37,218.63
Honoraria	Yes No	Yes No	Yes No	Yes No					
Key Data Entry	Yes No	Yes No	Yes No	Yes No	3,325				\$3,325.00
Printing and Mailing	Yes No	Yes No	Yes No	Yes No	3,388.50				\$3,388.50
Contracted Services: OER (IAC)	Yes <u>No</u>	<u>Yes</u> No	<u>Yes</u> No	Yes No	18,700	36,872.00			\$55,572.00
Contracted Services: Other	Yes <u>No</u>	<u>Yes</u> No	<u>Yes</u> No	Yes No			87,108.00		\$87,108.00
National Association	Yes No	Yes No	Yes No	Yes No					
Other:	Yes No	Yes No	Yes No	Yes No					
Other:	Yes No	Yes No	Yes No	Yes No					
<b>EXAM COST TOTALS:</b>					\$27,994.64	\$95,055.86	\$87,108.00		\$210,158.50

\*No costs were incurred relative to salaries for SME participants in the Psychiatric Technician Occupational Analysis. SME salaries were paid by the respective employers.

# BOARD OF CHIROPRACTIC EXAMINERS

REPORT AS REQUIRED BY SECTION 139(c)  
OF THE BUSINESS AND PROFESSIONS CODE  
PREPARED BY: *BOARD OF CHIROPRACTIC EXAMINERS*  
September 2007

Part 1: Examination Evaluation, Validation and Development [Section 139(c)(1)&(2); (d)]

Licensing Program	Type of Exam	Occupational Analysis (OA)			Examination Passing Score Methodology	Status of Test Development/ Validation	Comments
		Date of Last OA	Performed By	Date of Next Scheduled OA			
Chiropractic	Clinical/ Practical, Written	2005	National Board of Chiropractic Examiners	2010	<u>Criterion-referenced methodology:</u>  Yes    No  <u>Specify methodology:</u> Modified Angoff and Equating  <u>Other (specify methodology):</u>	Ongoing test development	
	Chiropractic Law and Professional Practice Examination (LPPE) (computerized)	2004		2009	<u>Criterion-referenced methodology:</u>  Yes    No  <u>Specify methodology:</u> Angoff  <u>Other (specify methodology):</u>	The California Law computerized exam is supported by subject matter experts and industry standards that identify the need to supplement the national examination by requiring candidates to demonstrate competency of California law associated with Chiropractic practice. Ongoing development is by HZ Assessments.	A single reference source is used, which is the Laws and Regulations relating to the practice of Chiropractic.

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]  
for the Board of Chiropractic Examiners**

License Type	Prerequisites	Code or Regulation that Mandates		Prerequisites Are Supported by Most Recent Occupational Analysis (OA)	Prerequisites Are Justified By		Frequency of Assessment (in years)
		Statutory Code #	CCR#	Underline response	Describe methodology used to determine each prerequisite	<u>Underline</u> source of methodology	<u>Underline</u> appropriate number
Chiropractic	Proof of high school graduation; must have 90 or more semester units of prechiropractic education meeting the education standards of the Council on Chiropractic Education; Must have graduated from a Board-approved chiropractic college; must have certificate from the chiropractic college	Section 5 of the Chiropractic Initiative Act		<u>Yes</u> No	Chiropractic Initiative Act	<u>Internal</u> <u>External</u> None	<u>0</u> 1 2 3 4 5 6 7 8 9
	Take and pass National Board of Chiropractic Examiners Examination Parts I, II, III, IV, and Physiotherapy	Section 6 of the Chiropractic Initiative Act		<u>Yes</u> No	Chiropractic Initiative Act	<u>Internal</u> <u>External</u> None	<u>0</u> 1 2 3 4 5 6 7 8 9

**Part 3: Estimate of the Costs and Personnel Required to Perform these Functions  
(Evaluation, Validation, and Development) [(Section 139(c)(4)]  
for the Board of Chiropractic Examiners**

Examination Cost Element	Current Fee Authority to Cover Costs		Covered by Other Than Fee Authority		Examination Related Function Enter actual or estimated costs for all applicable cost elements and each function below.				
	<u>Underline</u> Response	<u>Underline</u> Response	<u>Underline</u> Response	<u>Underline</u> Response	Occupational Analysis (Cost per Occurrence)	Ongoing Examination Development (Cost per Year)	Examination Administration (Cost per Year)	Program Evaluation (Cost per Occurrence)	TOTALS
Personnel Years	Yes No	Yes No	Yes No	Yes No					
Personnel Years - Overtime	Yes No	Yes No	Yes No	Yes No					
Subject Matter Expert (SME)	Yes No	Yes No	Yes No	Yes No			Applicants pay a \$40 fee to the computer assisted testing center to take the California Law Exam. In addition, applicants pay a \$100 initial licensure fee to cover the cost of examination administration.		
SME-Language Adaptation	Yes No	Yes No	Yes No	Yes No					
Travel Per Diem	Yes No	Yes No	Yes No	Yes No					
Honoraria	Yes No	Yes No	Yes No	Yes No					
Key Data Entry	Yes No	Yes No	Yes No	Yes No					
Printing and Mailing	Yes No	Yes No	Yes No	Yes No					
Contracted Services: OER (IAC)	Yes No	Yes No	Yes No	Yes No					
Contracted Services: Other	Yes No	Yes No	Yes No	Yes No					
National Association	Yes No	Yes No	Yes No	Yes No					
Other:	Yes No	Yes No	Yes No	Yes No					
Other:	Yes No	Yes No	Yes No	Yes No					
<b>EXAM COST TOTALS:</b>									

OSTEOPATHIC MEDICAL BOARD  
OF CALIFORNIA

REPORT AS REQUIRED BY SECTION 139(c)  
 OF THE BUSINESS AND PROFESSIONS CODE  
 PREPARED BY: *OSTEOPATHIC MEDICAL BOARD OF CALIFORNIA*  
 September 2007

Part 1: Examination Evaluation, Validation and Development [Section 139(c)(1)&(2); (d)]

Licensing Program	Type of Exam	Occupational Analysis (OA)			Examination Passing Score Methodology	Status of Test Development/ Validation	Comments
		Date of Last OA	Performed By	Date of Next Scheduled OA			
Osteopathic Physicians and Surgeons	Written	November 2004	State Personnel Board	Not scheduled due to recent OA	<u>Criterion-referenced methodology:</u> Yes    No  <u>Specify methodology:</u> Angoff Hofstede Item Mapping  <u>Other (specify methodology):</u>	The oral and practical examinations were eliminated by SB 364 (Figueroa, Chapter 789, Statutes of 2003).	The written examination consists of the National Board of Osteopathic Medical Examiners COMLEX-USA levels I through III.

**Part 2: Assessment of Appropriateness of Prerequisites for Admittance to the Examination [Section 139(c)(3)]  
for the Osteopathic Medical Board of California**

License Type	Prerequisites	Code or Regulation that Mandates		Prerequisites Are Supported by Most Recent Occupational Analysis (OA)	Prerequisites Are Justified By		Frequency of Assessment (in years)
		Statutory Code #	CCR#	Underline response	Describe methodology used to determine each prerequisite	<u>Underline</u> source of methodology	<u>Underline</u> appropriate number
Osteopathic Physicians and Surgeons	Completion of approved osteopathic medical school and completion of one year of postgraduate training; certificate required	B&P 2089 2089.5 2096 2153	CCR 1611	<u>Yes</u> No	Certified transcripts come to the Board directly from the osteopathic medical school. Postgraduate year-one (PGY-1) certification comes directly from the program to the Board.	Internal External <u>None</u>	<u>0</u> 1 2 3 4 5 6 7 8 9

**Part 3: Estimate of the Costs and Personnel Required to Perform these Functions  
(Evaluation, Validation, and Development) [(Section 139(c)(4)]  
for the Osteopathic Medical Board of California**

Examination Cost Element	Current Fee Authority to Cover Costs		Covered by Other Than Fee Authority		Examination Related Function Enter actual or estimated costs for all applicable cost elements and each function below.			
	Underline Response	Underline Response	Occupational Analysis (Cost per Occurrence)*	Ongoing Examination Development (Cost per Year)	Examination Administration (Cost per Year)	Program Evaluation (Cost per Occurrence)	TOTALS	
Personnel Years	Yes No	Yes No		SB 364 (2003) eliminated the oral and practical exam (Chapter 789).	N/A	Unknown		
Personnel Years - Overtime	Yes No	Yes No				Administered by the National Board of Osteopathic Medical Examiners, Inc. (NBOME) with no cost to the Board.	COMLEX-USA levels I through III (written exam by NBOME) is evaluated and validated by the Federation of State Medical Boards, Inc., (FSMB) and the American Osteopathic Association (AOA).	
Subject Matter Expert (SME)	Yes No	Yes No						
SME-Language Adaptation	Yes No	Yes No						
Travel Per Diem	Yes No	Yes No						
Honoraria	Yes No	Yes No						
Key Data Entry	Yes No	Yes No						
Printing and Mailing	Yes No	Yes No						
Contracted Services: OER (IAC)	Yes No	Yes No						
Contracted Services: Other	Yes No	Yes No						
National Association	Yes No	Yes No						
Other:	Yes No	Yes No						
Other:	Yes No	Yes No						
<b>EXAM COST TOTALS:</b>			\$61,767.00				\$61,767.00	

\*2003-2004 \$45,000.00; 2004-2005 \$11,400.00; \$5,367.00 for SMEs.