

**NOTICE OF PROPOSED ACTION  
TO  
BUILDING STANDARDS  
OF THE  
CALIFORNIA STATE LANDS COMMISSION**

**REGARDING PROPOSED CHANGES TO  
THE 2019 CALIFORNIA BUILDING CODE,  
CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 2**

**CHAPTER 31F – MARINE OIL TERMINALS  
CHAPTER 35 – REFERENCED STANDARDS**

Notice is hereby given that the California State Lands Commission (herein called “Commission”) proposes to adopt, approve, codify, and publish changes to building standards contained in the California Code of Regulations (CCR), Title 24, Part 2. The Commission is proposing building standards related to Chapter 31F – Marine Oil Terminals and Chapter 35 – Referenced Standards.

**PUBLIC HEARING**

The Commission will hold a public hearing at **10:00 am** on **July 3, 2018** at the Port of Long Beach, Board Room, 4801 Airport Plaza Drive, Long Beach, CA 90815. The location is wheelchair accessible. At the hearing, any person may present statements or arguments orally or in writing, relevant to the proposed regulatory action described in the Information Digest below. It is requested, but not required that persons making oral comments submit a written copy of their testimony at the hearing.

**45 – DAY PUBLIC COMMENT PERIOD**

Any interested person or his or her authorized representative may submit written comments relevant to the proposed regulatory action. Written comments will be accepted by the Commission regarding the proposed changes from May 18, 2018 until **5:00 pm** on **July 3, 2018**, at which time all written comments must be received by the Commission.

Written comments should be submitted to:

Ravindra Varma  
Supervisor, Planning Branch  
California State Lands Commission  
Marine Environmental Protection Division  
200 Oceangate, Suite 900  
Long Beach, CA 90802

Written comments may also be submitted by facsimile to (562) 499-6444 or e-mail to [CSLC.MEPDRegulations@slc.ca.gov](mailto:CSLC.MEPDRegulations@slc.ca.gov). Please include “**Title 24, Chapter 31F Comments**” in the subject line.

Please note that while not required by statute or regulation, comments submitted will be posted on the Commission’s website (<http://www.slc.ca.gov>) after close of the public comment period.

**POST-HEARING MODIFICATIONS TO THE TEXT OF THE REGULATIONS**

Following the public comment period, the Commission may adopt the proposed building standards substantially as proposed in this notice or with modifications that are sufficiently related to the original proposed text and notice of proposed changes. If modifications are made, the full text of the proposed modifications, clearly indicated, will be made available to the public for at least 15 days prior to the date on which the Commission adopts, amends, or repeals the regulation(s). The Commission will accept written comments on the modified building standards during the 15-day period.

**NOTE:** To be notified of any modifications, you must submit written/oral comments or request that you be notified of any modifications.

**AUTHORITY AND REFERENCE**

**Authority:** Sections 8750 through 8760, Public Resources Code.

**References:** Sections 8750, 8751, 8755 and 8757, Public Resources Code. Section 8670.28(a)(7), Government Code.

Public Resources Code (PRC) Section 8755 directs the Commission to adopt rules, regulations and guidelines for reviewing the location, type, character, performance standards, size and operation of all existing and proposed marine terminals within the state.

Public Resources Code (PRC) Section 8756 provides for periodic review and modification of regulations that the Commission adopts, so that marine terminals within the Commission’s jurisdiction always provide best achievable protection of the public health and safety, and the environment. The Commission staff inspects the marine terminals pursuant to Title 2, CCR, Section 2320, made under the authority of the Public Resources Code 8757.

**INFORMATIVE DIGEST**

This regulatory action updates Chapter 31F – Marine Oil Terminals and Chapter 35 – Referenced Standards of the 2016 California Code Regulations, Title 24, Part 2, California Building Code (CBC), which became effective on January 1, 2017.

The following Sections, Tables and Figures of the 2016 CBC, Chapter 31F will be amended by the proposed regulatory actions, including numbering and title changes as identified below (with proposed new California language underlined and in italics and repealed regulatory language in ~~strikeout and italics~~):

PROPOSED AMENDMENTS TO: [120 Express Terms Total]	
SECTION/TABLE/FIGURE	TITLE
<b>3101F.2</b>	<i>Purpose.</i>
<b>3101F.3</b>	<i>Applicability.</i>
<b>3101F.6</b>	<i>Oil spill exposure classification.</i>
<b>3101F.110</b>	<i>References.</i>
<b>3102F.1.5</b>	<i>Baseline assessment.</i>
<b>3102F.3.2</b>	<i>Overview.</i>
<b>TABLE 31F-2-3</b>	<del>SCOPE OF UNDERWATER INSPECTION-LEVELS OF EFFORT [2.2]</del>
<b>TABLE 31F-2-4</b>	<del>ASSESSMENT RATINGS</del>
<b>TABLE 31F-2-7C</b>	[EXECUTIVE SUMMARY TABLE (ES-1C) GLOBAL INSPECTION CONDITION ASSESSMENT RATINGS (ICAR)]
<b>3102F.3.6.1</b>	<i>Terminal operating limits.</i>
<b>3102F.3.6.4</b>	<i>Mechanical and electrical systems.</i>
<b>3102F.3.8</b>	<i>Documentation and reporting.</i>
<b>3102F.4</b>	<i>Post-event <u>notification and inspection.</u></i>
<b>3103F.4.2</b>	<i>Design earthquake motion parameters.</i>
<b>3103F.4.2.1</b>	<i>Site classes.</i>
<b>3103F.4.2.2</b>	<i>Earthquake motions from USGS maps.</i>
<b>3103F.4.2.4</b>	<i>Simplified evaluation of site amplification effects.</i>
<b>3103F.4.2.5</b>	<i>Site-specific evaluation of amplification effects.</i>
<b>3103F.4.2.6</b>	<i>Directivity effects.</i>
<b>3103F.4.2.7</b>	<i>Deterministic earthquake motions.</i>
<b>3103F.4.2.9</b>	<i>Design Spectral Acceleration for various damping values.</i>
<b>TABLE 31F-3-5</b>	<del>VALUES OF B<sub>s</sub> AND B<sub>1</sub> [3.2][3.4]</del>
<b>3103F.5.1</b>	<i>General.</i>
<b>3103F.5.2</b>	<i>Wind loads.</i>
<b>3103F.5.2.1</b>	<i>Design wind speed.</i>
<b>3103F.5.2.2.1</b>	<del><i>Operational-Operating condition.</i></del>
<b>3103F.5.2.2.2</b>	<i>Survival condition.</i>

PROPOSED AMENDMENTS TO: [120 Express Terms Total]	
SECTION/TABLE/FIGURE	TITLE
<del>3103F.5.2.32</del>	<i>Wind speed corrections.</i>
<del>FIGURE 31F-3-1</del>	<i>WIND SPEED CONVERSION FACTOR [3.5][<del>3-6</del>]</i>
<del>3103F.5.2.43</del>	<i>Static wind loads on vessels.</i>
<del>3103F.5.3</del>	<i>Current loads.</i>
<del>3103F.5.3.1</del>	<i>Design current <del>velocity</del>.</i>
<del>FIGURE 31F-3-2</del>	<i>CURRENT VELOCITY CORRECTION FACTOR (p. 23 [3.6][<del>3-7</del>])</i>
<del>3103F.5.3.3</del>	<i>Static current loads.</i>
<del>3103F.5.4</del>	<i>Wave loads.</i>
<del>3103F.5.5</del>	<i>Passing vessels.</i>
<del>3103F.5.7</del>	<i>Tsunamis.</i>
<del>TABLE 31F-3-6</del>	<i>TSUNAMI RUN-UP VALUES (ft) AND CURRENT SPEEDS (ft/sec) IN THE SAN FRANCISCO BAY AREA (AFTER [3.16][<del>3-17</del>])</i>
<del>3103F.6.1</del>	<i>General.</i>
<del>3103F.6.3</del>	<i>Geometric coefficient (<math>C_g</math>).</i>
<del>3103F.6.5</del>	<i>Configuration coefficient (<math>C_c</math>).</i>
<del>3103F.6.6</del>	<i>Effective mass or virtual mass coefficient (<math>C_m</math>).</i>
<del>3103F.7.2</del>	<i>Wind loads.</i>
<del>3103F.8</del>	<i>Load combinations.</i>
<del>TABLE 31F-3-10</del>	<i>LRFD LOAD FACTORS FOR LOAD COMBINATIONS [3.18][<del>3-19</del>]</i>
<del>TABLE 31F-3-11</del>	<i>SERVICE OR ASD LOAD FACTORS FOR LOAD COMBINATIONS [3.18][<del>3-19</del>]</i>
<del>3103F.944</del>	<i>Miscellaneous loads.</i>
<del>3103F.102</del>	<i>Symbols.</i>
<del>3103F.113</del>	<i>References.</i>
<del>3104F.1.1</del>	<i>Purpose.</i>
<del>3104F.1.2</del>	<i>Applicability.</i>
<del>3104F.1.3</del>	<i>Configuration classification of MOT structure.</i>
<del>3104F.2.1</del>	<i><del>Seismic Performance Criteria-Design earthquake motions.</del></i>
<del>3104F.2.3.2</del>	<i>Nonlinear static demand procedure.</i>
<del>3104F.2.3.2.1</del>	<i>Coefficient Method.</i>
<del>3104F.2.3.2.2</del>	<i>Substitute Structure Method.</i>
<del>3104F.2.3.3</del>	<i>Linear modal demand procedure.</i>
<del>FIGURE 31F-4-6-31F-4-8</del>	<i>STIFFNESS FOR LINEAR MODAL ANALYSIS</i>
<del>3104F.4.2</del>	<i>Combination of orthogonal seismic effects.</i>
<del>FIGURE 31F-4-7-31F-4-9</del>	<i>PLAN VIEW OF WHARF SEGMENT UNDER X AND Y SEISMIC EXCITATIONS</i>
<del>3104F.4.3</del>	<i>P-<math>\Delta</math> Effects.</i>
<del>FIGURE 31F-4-8-31F-4-10</del>	<i>P-<math>\Delta</math> EFFECT</i>
<del>3104F.4.5</del>	<i>Shear key forces.</i>
<del>3104F.5.4</del>	<i><u>Nonstructural components and nonbuilding structures permanently attached to MOT structures.</u></i>
<del>3104F.67</del>	<i>Symbols.</i>
<del>3104F.7</del>	<i>References.</i>
<del>3105F.1.3</del>	<i>Mooring/berthing requirements.</i>
<del>3105F.1.4</del>	<i>New MOTs.</i>
<del>3105F.1.5</del>	<i>Analysis and design of mooring components.</i>
<del>3105F.2</del>	<i>Mooring analyses.</i>
<del>3105F.3.2</del>	<i>Passing vessels.</i>
<del>3105F.3.3</del>	<i>Seiche.</i>
<del>3105F.4</del>	<i>Berthing analysis and design.</i>
<del>3105F.4.5</del>	<i>Design and selection of new fender systems.</i>

PROPOSED AMENDMENTS TO: [120 Express Terms Total]	
SECTION/TABLE/FIGURE	TITLE
3105F.6	Offshore moorings.
3105F.6.2	Design of mooring components.
3105F.97	Symbols.
3105F.108	References.
3106F.10.2	Kinematic loading from lateral spreading.
3107F.1.1	Purpose.
3107F.1.2	Applicability.
3107F.2.1	Component strength.
3107F.2.1.1	Material properties.
3107F.2.1.2	Knowledge factor (k).
3107F.2.2	Component stiffness.
3107F.2.5.6	Component acceptance/damage criteria.
3107F.2.7.1	Joint shear capacity.
FIGURE 31F-7-124	JOINT ROTATION
3107F.2.8.1	Existing ordinary batter piles.
3107F.2.8.2	Nonordinary batter piles.
3107F.3.3.2	Displacement capacity.
3107F.65	Moorings and berthing components.
3107F.75.4	<del>Supports and attachments (or anchorage)</del> Component strength.
3107F.86	Symbols.
3107F.97	References.
TABLE 31F-8-2	FIRE HAZARD CLASSIFICATIONS
TABLE 31F-8-3	MINIMUM FIRE SUPPRESSION PROVISIONS PER BERTH (N/E)
3108F.6.3	Fire water.
3108F.7	<del>Fire</del> Critical systems seismic assessment (N/E).
3109F.2	Oil piping and pipeline systems.
3109F.3	Pipeline stress analysis (N/E).
3109F.4	<del>Piping and pipelines</del> Anchors and supports and attachments (or anchorage).
3109F.5.1	Valves and fittings.
3109F.6	Utility and auxiliary piping and pipeline systems.
3109F.7	Fire piping and pipeline systems.
3109F.8	References.
3110F.2.1	General criteria.
3110F.6	Oil sumps and ancillary equipment.
3110F.7	Vapor control systems.
3110F.109	Spill prevention equipment and systems maintenance (N/E).
3110F.110	Pumps (N/E).
3110F.124	<del>Mechanical and electrical equipment</del> Critical systems seismic assessment (N/E).
3110F.132	References.
3111F.3	Identification and tagging.
3111F.5	Electrical service.
3111F.6	Grounding and bonding (N/E).
3111F.8	Illumination (N/E).
3111F.10	Cathodic Protection Systems (CPS) (N/E).
3111F.11	<del>Electrical</del> Critical systems seismic assessment (N/E).
3111F.12	References.

The following Sections, Tables and Figures of the 2016 CBC, Chapter 31F will be repealed (noting that while repealed regulatory language is typically shown in ~~strikeout and italics~~, ~~strikeout~~ is not used in the table below for legibility purposes):

PROPOSED REPEAL OF: [18 Express Terms Total]	
SECTION/TABLE/FIGURE	TITLE
<b>FIGURE 31F-2-1</b>	[EXAMPLE TERMINAL OPERATING LIMITS DIAGRAM]
<b>3103F.9</b>	<i>Safety factors for mooring lines.</i>
<b>TABLE 31F-3-12</b>	<b>SAFETY FACTORS FOR ROPES [3.7]</b>
<b>3103F.10</b>	<i>Mooring hardware (N/E).</i>
<b>3103F.10.1</b>	<i>Quick release hooks.</i>
<b>3103F.10.2</b>	<i>Other fittings.</i>
<b>TABLE 31F-3-13</b>	<b>ALLOWABLE WORKING LOADS</b>
<b>3103F.10.3</b>	<i>Base bolts.</i>
<b>FIGURE 31F-4-5</b>	<b>RELATION BETWEEN DUCTILITY, <math>\mu_{\Delta}</math>, AND EFFECTIVE DAMPING, <math>\zeta_{eff}</math> [4.5]</b>
<b>FIGURE 31F-4-6</b>	<b>DESIGN DISPLACEMENT RESPONSE SPECTRA</b>
<b>FIGURE 31F-4-7</b>	<b>EFFECTIVE LATERAL STIFFNESS (ADAPTED FROM [4.4])</b>
<b>3104F.5.1</b>	<i>Contribution to global response.</i>
<b>3104F.5.2</b>	<i>Seismic assessment.</i>
<b>3104F.6</b>	<i>Nonstructural critical systems assessment.</i>
<b>FIGURE 31F-7-4</b>	<b>METHOD A – MOMENT CURVATURE ANALYSIS</b>
<b>3107F.5.2</b>	<i>Mooring and berthing component demand.</i>
<b>3107F.5.3</b>	<i>Capacity of mooring and berthing components.</i>
<b>3110F.8</b>	<i>Equipment anchors and supports.</i>

Additionally, the following new Sections, Tables and Figures will be added (created) to CBC, Chapter 31F (with proposed new regulatory language underlined and in italics):

PROPOSED ADDITION OF: [30 Express Terms Total]	
SECTION/TABLE/FIGURE	TITLE
<b>3101F.10</b>	<i>Symbols.</i>
<b>FIGURE 31F-2-1</b>	[EXAMPLE TERMINAL OPERATING LIMITS DIAGRAM]
<b>3103F.5.2.2</b>	<i>Wind limits for moored vessels.</i>
<b>3103F.5.2.2.3</b>	<i>Departure condition.</i>
<b>FIGURE 31F-4-5</b>	<b><u>EFFECTIVE STIFFNESS FOR SUBSTITUTE STRUCTURE METHOD</u></b>
<b>3104F.5</b>	<i><u>Nonstructural components, nonbuilding structures and building structures.</u></i>
<b>3104F.5.1</b>	<i><u>General.</u></i>
<b>3104F.5.2</b>	<i><u>Seismic assessment.</u></i>
<b>3104F.5.3</b>	<i><u>Contribution to global response of MOT structures.</u></i>
<b>3104F.5.4.1</b>	<i><u>Seismic loads.</u></i>
<b>3104F.5.4.1.1</b>	<i><u>Simplified Procedure.</u></i>
<b>TABLE 31F-4-3</b>	<b><u>AMPLIFICATION FACTORS FOR NONSTRUCTURAL COMPONENTS AND NONBUILDING STRUCTURES</u></b>
<b>FIGURE 31F-4-9</b>	<b><u>AMPLIFICATION FACTOR, <math>a_p</math> [4.10]</u></b>
<b>TABLE 31F-4-4</b>	<b><u>IMPORTANCE FACTORS FOR NONSTRUCTURAL COMPONENTS AND NONBUILDING STRUCTURES</u></b>
<b>TABLE 31F-4-5</b>	<b><u>RESPONSE MODIFICATION FACTORS FOR NONSTRUCTURAL COMPONENTS AND NONBUILDING STRUCTURES</u></b>
<b>3104F.5.4.1.2</b>	<i><u>Linear modal demand procedure.</u></i>
<b>3104F.5.5</b>	<i><u>Nonstructural components and nonbuilding structures permanently attached to the ground.</u></i>

PROPOSED ADDITION OF: [30 Express Terms Total]	
SECTION/TABLE/FIGURE	TITLE
<b><u>3104F.5.6</u></b>	<u>Building structures.</u>
<b><u>3105F.7</u></b>	<u>Safety factors for mooring lines.</u>
<b><u>TABLE 31F-5-3</u></b>	<u>SAFETY FACTORS FOR ROPES [5.4]</u>
<b><u>3105F.8</u></b>	<u>Mooring hardware (N/E).</u>
<b><u>3105F.8.1</u></b>	<u>Quick release hooks.</u>
<b><u>3105F.8.2</u></b>	<u>Other fittings.</u>
<b><u>TABLE 31F-5-4</u></b>	<u>ALLOWABLE WORKING LOADS</u>
<b><u>3105F.8.3</u></b>	<u>Base bolts.</u>
<b><u>FIGURE 31F-7-4</u></b>	<u>METHOD A – MOMENT CURVATURE ANALYSIS</u>
<b><u>3107F.5</u></b>	<u>Nonbuilding structures and building structures.</u>
<b><u>3111F.8.1</u></b>	<u>Illumination Locations.</u>
<b><u>3111F.8.2</u></b>	<u>Illumination Levels.</u>
<b><u>3111F.8.3</u></b>	<u>Emergency Power for Illumination (N).</u>

Finally, the Commission will begin referencing five (5) standards in Chapter 35, including the ASME B31.3 and ASTM D4318 references [1 Express Term total].

#### **Summary of Related Existing Laws**

In accordance with instructions from the California Building Standards Commission (CBSC) staff, the Commission is promulgating the proposed amendments to the 2016 California Code of Regulations (CCR), Title 24, Part 2, California Building Code, Chapter 31F – Marine Oil Terminals and Chapter 35 – Referenced Standards.

The Lempert-Keene-Seastrand Oil Spill Prevention and Response Act (stats. 1990, ch. 1248) granted the Commission jurisdiction over oil spill prevention at the marine oil terminals located in the state. Public Resources Code section 8755(a) states, in part: "...the commission shall adopt, rules, regulations, guidelines, and commission leasing policies for reviewing the location, type, character, performance standards, size, and operation of all existing and proposed marine terminals within the state, whether or not on lands leased from the commission, and all other marine facilities on lands under lease from the commission to minimize the possibilities of a discharge of oil. Rules, regulations, and guidelines adopted by the commission shall not conflict with regulations of the Administrator or the Coast Guard. The commission shall ensure that the rules, regulations, guidelines, and commission lease covenants provide the best achievable protection of public health and safety and the environment..."

The Commission staff has determined that the proposed amendments to the standards will effectuate these mandates.

#### **Summary of Related Existing Regulations**

The 2016 California Code of Regulations (CCR), Title 24, Part 2, California Building Code, Chapter 31F – Marine Oil Terminals are the only regulations related to engineering analysis, design, rehabilitation, inspection, or maintenance of marine oil terminals on both the state and federal level. These regulations work in conjunction with other regulations (2 CCR sections 2300 et seq.) made under the authority of the Public Resources Code, section 8755 so that operators of marine terminals always provide the best achievable protection to the public health and safety and the environment.

#### **Summary of Effect of the Proposed Action**

The objective of the proposed regulatory actions (presented as 169 Express Terms total, including Chapter 35) is to provide greater consistency and clarity for code users. As such, many of the proposed changes are editorial and non-substantive. These changes include the following:

- Refinement, reorganization and relocation of provisions to improve continuity.
- Merging of many mooring and berthing requirements in Section 3105F.

- Expansion of the seismic provisions for nonstructural components, nonbuilding structures and building structures in Sections 3104F, to incorporate up-to-date technical standards and provide greater clarity, specificity and continuity.
- Consolidation of the nonstructural components, nonbuilding structures and building structures provisions for: (a) seismic assessment in proposed Section 3104F.5, (b) critical systems in proposed Section 3104F.5.1, (c) nonbuilding structures and building structures structural assessment in proposed Section 3107F.5, and (d) supports and attachments (or anchorage) assessment in proposed Section 3107F.7, for cross-referenced in Sections 3108F, 3109F, 3110F and 3111F, as appropriate.
- Amending the seismic structural provisions regarding the Substitute Structure Method in Section 3104F.2.3.2.2 to incorporate up-to-date technical standards.
- Enhancement of the illumination provisions in proposed Section 3111F.F.8 to address built provisions and industry practices.
- Alignment of these building provisions with other California marine oil terminal regulations, including:
  - (1) *California Code of Regulations (CCR), Title 2, Division 3, Chapter 1, Article 5 – Marine Terminals Inspection and Monitoring (2 CCR 2300 et seq.)*
  - (2) *California Code of Regulations (CCR), Title 2, Division 3, Chapter 1, Article 5.5 – Marine Terminal Oil Pipelines (2 CCR 2560 et seq.)*
- Update of some references cited and increased cross-reference to *CBC Chapter 35 – Referenced Standards*, as appropriate.
- Codification of non-substantive, editorial and formatting refinements.

#### **Comparable Federal Statute or Regulations**

The Lempert-Keene-Seastrand Oil Spill Prevention and Response Act provides the Commission with overlapping jurisdiction with the United States Coast Guard with regards to oil spill prevention on the state's marine terminals. The existing code, and proposed amendments to Title 24, Part 2, Chapter 31F and Chapter 35 are unique in that they are the only building standards in the nation concerning marine terminal structures. Certain elements of federal regulations, found in Title 33, Code of Federal Regulations, Part 154, do concern the operational components that are necessarily affected by the design and structure of a marine terminal; however, the Commission finds that there is no unnecessarily duplication of effort between the proposed amendments and federal law.

#### **Policy Statement Overview**

As mandated in Public Resources Code sections 8750 through 8760, the Commission is charged with the responsibility to protect the public health and safety of the environment in the operations of marine terminals. The Commission staff has determined that these proposed amendments to the existing code will meet the mandates of these Code sections and provide a greater level of protection of the public health and safety and the environment. The proposed amendments to Title 24, Part 2, Chapter 31F and Chapter 35 are anticipated to benefit the prevention of oil spills and protection of the public health and safety and the environment. The objective of the proposed amendments are to improve the organization of Chapter 31F and clarify many existing elements of the regulations in order to assist the regulated community in complying with its standards.

#### **Evaluation of Consistency with State Regulations**

The proposed action amends the currently existing building standards found in Chapter 31F of the California Building Code. Therefore, and because there are no other similar building standards for marine terminals, the proposed action is consistent and compatible with existing state regulations.

#### **OTHER MATTERS PRESCRIBED BY STATUTE APPLICABLE TO THE AGENCY OR TO ANY SPECIFIC REGULATION OR CLASS OF REGULATIONS**

None

### **MANDATE ON LOCAL AGENCIES OR SCHOOL DISTRICTS**

The Commission staff has determined that the proposed regulatory action would not impose a new reimbursable mandate to local governments, or mandate on local agencies or school districts.

### **ESTIMATE OF COST OR SAVINGS**

- A. Cost or Savings to any state agency: **None**
- B. Cost to any local agency required to be reimbursed under Part 7 (commencing with Section 17500) of Division 4: **None**
- C. Cost to any school district required to be reimbursed under Part 7 (commencing with Section 17500) of Division 4: **None**
- D. Other nondiscretionary cost or savings imposed on local agencies: **None**
- E. Cost or savings in federal funding to the state: **None**

Total Estimate: **None**

### **INITIAL DETERMINATION OF NO SIGNIFICANT STATEWIDE ADVERSE ECONOMIC IMPACT ON BUSINESSES**

The Commission staff has made an initial determination that the proposed amendments to Chapter 31F and Chapter 35 of the California Building Code will not have a significant statewide net adverse economic impact on businesses, including the ability of California businesses to compete in other states.

### **DECLARATION OF EVIDENCE**

The proposed amendments to Chapter 31F and Chapter 35 mainly serve to correct, update, streamline or make more precise the existing standards and will have no economic effect on the regulated community. The clarifying and streamlining of existing standards should not generate any additional costs above and beyond the compliance costs already required under the existing standards.

### **FINDING OF NECESSITY FOR THE PUBLIC'S HEALTH, SAFETY, OR WELFARE**

N/A

### **COST IMPACT ON REPRESENTATIVE PRIVATE PERSON OR BUSINESS**

The Commission staff is not aware of any cost impacts that a representative private person or business would necessarily incur in reasonable compliance with the proposed action.

### **ASSESSMENT OF EFFECT OF REGULATIONS UPON JOBS AND BUSINESS EXPANSION, ELIMINATION OR CREATION**

The Commission staff has assessed whether or not and to what extent this proposal will affect the following:

- The creation or elimination of jobs within the State of California.  
No jobs will be created or eliminated by this proposed action.
- The creation of new businesses or the elimination of existing businesses within the State of California.  
No businesses will be created or eliminated by this proposed action.
- The expansion of businesses currently doing business with the State of California.  
No business expansions will be affected by this proposed action.
- The benefits of the regulation to the health and welfare of California residents, worker safety, and the state's environment.

The proposed amendments to CCR, Title 24, Part 2, Chapter 31F and Chapter 35 are beneficial to the health and welfare of California residents, worker safety, and the state's



environment because they clarify and enhance the existing regulation, which “establishes minimum engineering, inspection and maintenance criteria for MOTs [Marine Oil Terminals] in order to prevent oil spills and to protect public health, safety and the environment.” The Public health, safety and the environment is improved by the clarity and streamlining provided within the proposed action by allowing the regulated community to better institute the requirements under the California Building Code and minimize the risk of an oil spill from a marine terminal.

#### **ESTIMATED COST OF COMPLIANCE OF STANDARDS THAT WOULD IMPACT HOUSING**

The Commission staff has determined that this proposal would have no significant effect on housing costs.

#### **CONSIDERATION OF ALTERNATIVES**

The Commission staff has determine that no reasonable alternative considered by the Commission or that has otherwise been identified and brought to the attention of the Commission would be more effective in carrying out the purpose for which the action is proposed or would be as effective and less burdensome to affected private persons than the proposed action, or would be more cost-effective to affected private persons and equally effective in implementing the statutory policy or other provisions of law.

The alternatives considered by Commission staff are described in the “Initial Statement of Reasons”. To date, no other alternatives have been presented to or considered by the Commission staff regarding the proposed amendments to the 2016 CCR, Title 24, Part 2, California Building Code, Chapter 31F and Chapter 35. The Commission staff invite interested persons to present statements or arguments with respect to alternatives to the proposed regulations at the scheduled hearing(s) or during the written comment period.

#### **AVAILABILITY OF RULEMAKING DOCUMENTS**

All of the information upon which the proposed amendments to the standards are based is contained in the rulemaking file, which is available for public review, by contacting the person named below. This notice, the express terms and initial statement of reasons can be accessed from the California State Lands Commission website:

<http://www.slc.ca.gov>

Interested parties may obtain a copy of the final statement of reasons, once it has been prepared, by making a written request to the contact person named below or at the California State Lands Commission website.

#### **CALIFORNIA STATE LANDS COMMISSION CONTACT PERSON FOR PROCEDURAL AND ADMINISTRATIVE QUESTIONS**

General questions regarding procedural and administrative issues should be addressed to:

Ravindra Varma  
Supervisor, Planning Branch  
California State Lands Commission  
Marine Environmental Protection Division  
200 OceanGate, Suite 900  
Long Beach, CA 90802

Telephone No.: (562) 499-6369  
Facsimile No.: (562) 499-6444  
E-Mail: [CSLC.MEPDRegulations@slc.ca.gov](mailto:CSLC.MEPDRegulations@slc.ca.gov)

**PROPOSING STATE AGENCY CONTACT PERSON FOR SUBSTANTIVE AND/OR TECHNICAL  
QUESTIONS ON THE PROPOSED CHANGES TO BUILDING STANDARDS**

Specific questions regarding the substantive and/or technical aspects of the proposed changes to the building standards should be addressed to:

Dr. Avinash Nafday, P.E.  
California State Lands Commission  
Marine Environmental Protection Division  
200 Oceangate, Suite 900  
Long Beach, CA 90802  
Telephone No.: (562) 499-6312  
Facsimile No.: (562) 499-6444  
E-Mail: [CSLC.MEPDRegulations@slc.ca.gov](mailto:CSLC.MEPDRegulations@slc.ca.gov)

**OR**

Kendra Oliver, P.E.  
California State Lands Commission  
Marine Environmental Protection Division  
200 Oceangate, Suite 900  
Long Beach, CA 90802  
Telephone No.: (510) 741-4950  
Facsimile No.: (562) 499-6444  
E-Mail: [CSLC.MEPDRegulations@slc.ca.gov](mailto:CSLC.MEPDRegulations@slc.ca.gov)