

# REGULAR

STATE OF CALIFORNIA—OFFICE OF ADMINISTRATIVE LAW  
NOTICE PUBLICATION REGULATIONS SUBMISSION

(See instructions on reverse)

For use by Secretary of State only

ENDORSED FILED  
IN THE OFFICE OF

2014 APR 14 PM 2:17

*Debra Bowen*  
DEBRA BOWEN  
SECRETARY OF STATE

STD. 400 (REV. 01-2013)

OAL FILE NUMBERS	NOTICE FILE NUMBER Z-2013-1108-01	REGULATORY ACTION NUMBER 2014-0321-085	EMERGENCY NUMBER
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For use by Office of Administrative Law (OAL) only

RECEIVED FOR FILING PUBLICATION DATE NOV 08 '13 NOV 22 '13 Office of Administrative Law	2014 MAR 21 PM 3:21 OFFICE OF ADMINISTRATIVE LAW
NOTICE	REGULATIONS

AGENCY WITH RULEMAKING AUTHORITY Occupational Safety and Health Standards Board	AGENCY FILE NUMBER (if any)
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### A. PUBLICATION OF NOTICE (Complete for publication in Notice Register)

1. SUBJECT OF NOTICE See attached	TITLE(S) Title 8	FIRST SECTION AFFECTED 2940.2	2. REQUESTED PUBLICATION DATE November 22, 2013
3. NOTICE TYPE <input checked="" type="checkbox"/> Notice re Proposed Regulatory Action <input type="checkbox"/> Other	4. AGENCY CONTACT PERSON Marley Hart, Executive Officer	TELEPHONE NUMBER (916)-274-5721	FAX NUMBER (Optional) (916)-274-5743
OAL USE ONLY <input type="checkbox"/> Approved as Submitted <input type="checkbox"/> Approved as Modified <input type="checkbox"/> Disapproved/Withdrawn	NOTICE REGISTER NUMBER	PUBLICATION DATE	

### B. SUBMISSION OF REGULATIONS (Complete when submitting regulations)

1a. SUBJECT OF REGULATION(S) Update and Harmonization of Crane Hand Signals Standards and Illustrations	1b. ALL PREVIOUS RELATED OAL REGULATORY ACTION NUMBER(S)
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2. SPECIFY CALIFORNIA CODE OF REGULATIONS TITLES AND SECTION(S) (including title 26, if toxics related)
SECTION(S) AFFECTED (List all section number(s) individually. Attach additional sheet if needed.)
ADOPT Section 5001 - Plate 1
AMEND
REPEAL
TITLE(S) 8

3. TYPE OF FILING			
<input checked="" type="checkbox"/> Regular Rulemaking (Gov. Code §11346)	<input type="checkbox"/> Certificate of Compliance: The agency officer named below certifies that this agency complied with the provisions of Gov. Code §§11346.2-11347.3 either before the emergency regulation was adopted or within the time period required by statute.	<input type="checkbox"/> Emergency Readopt (Gov. Code, §11346.1(h))	<input type="checkbox"/> Changes Without Regulatory Effect (Cal. Code Regs., title 1, §100)
<input type="checkbox"/> Resubmittal of disapproved or withdrawn nonemergency filing (Gov. Code §§11349.3, 11349.4)	<input type="checkbox"/> Resubmittal of disapproved or withdrawn emergency filing (Gov. Code, §11346.1)	<input type="checkbox"/> File & Print	<input type="checkbox"/> Print Only
<input type="checkbox"/> Emergency (Gov. Code, §11346.1(b))	<input type="checkbox"/> Other (Specify) _____		

4. ALL BEGINNING AND ENDING DATES OF AVAILABILITY OF MODIFIED REGULATIONS AND/OR MATERIAL ADDED TO THE RULEMAKING FILE (Cal. Code Regs. title 1, §44 and Gov. Code §11347.1)  
February 13, 2014 through March 3, 2014.

5. EFFECTIVE DATE OF CHANGES (Gov. Code, §§ 11343.4, 11346.1(d); Cal. Code Regs., title 1, §100)			
<input checked="" type="checkbox"/> Effective January 1, April 1, July 1, or October 1 (Gov. Code §11343.4(a))	<input type="checkbox"/> Effective on filing with Secretary of State	<input type="checkbox"/> §100 Changes Without Regulatory Effect	<input type="checkbox"/> Effective other (Specify) _____

6. CHECK IF THESE REGULATIONS REQUIRE NOTICE TO, OR REVIEW, CONSULTATION, APPROVAL OR CONCURRENCE BY, ANOTHER AGENCY OR ENTITY		
<input type="checkbox"/> Department of Finance (Form STD. 399) (SAM §6660)	<input type="checkbox"/> Fair Political Practices Commission	<input type="checkbox"/> State Fire Marshal
<input type="checkbox"/> Other (Specify) _____		

7. CONTACT PERSON Marley Hart	TELEPHONE NUMBER (916) 274-5721	FAX NUMBER (Optional) (916) 274-5743	E-MAIL ADDRESS (Optional) mhart@dir.ca.gov
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8. I certify that the attached copy of the regulation(s) is a true and correct copy of the regulation(s) identified on this form, that the information specified on this form is true and correct, and that I am the head of the agency taking this action, or a designee of the head of the agency, and am authorized to make this certification.

SIGNATURE OF AGENCY HEAD OR DESIGNEE <i>Marley Hart</i>	DATE 3/20/14
TYPED NAME AND TITLE OF SIGNATORY Marley Hart, Executive Officer	

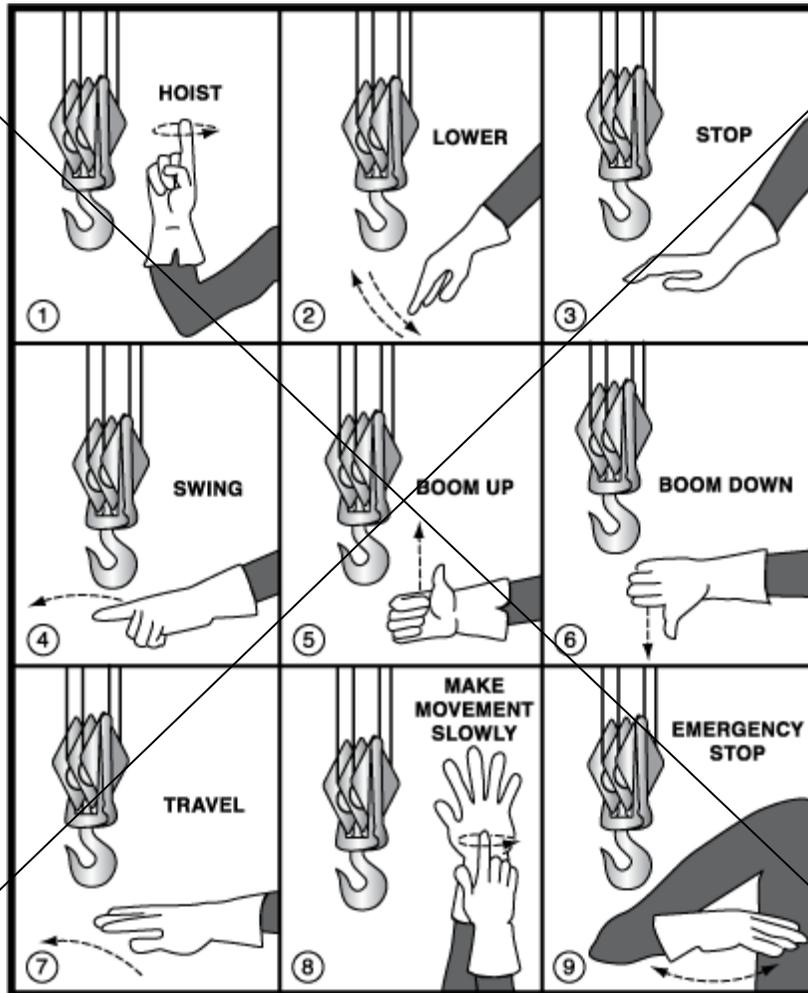
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APR 14 2014
Office of Administrative Law

**STANDARDS PRESENTATION  
TO  
CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH STANDARDS BOARD**

PROPOSED STATE STANDARD,  
TITLE 8, DIVISION 1, CHAPTER 4

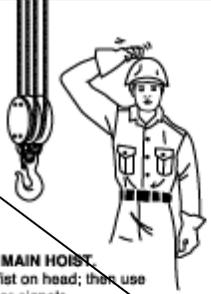
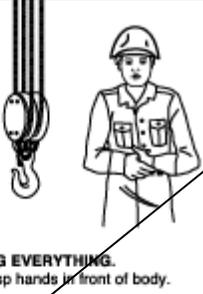
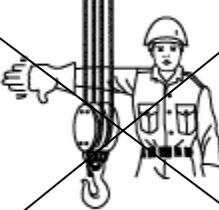
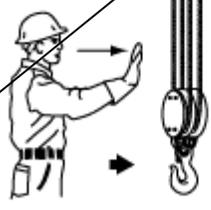
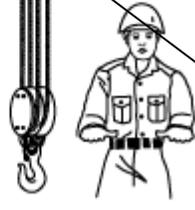
Amend Plate I of Section 5001 to read:

~~PLATE I  
RECOMMENDED HAND SIGNALS FOR CONTROLLING CRANE OPERATIONS~~



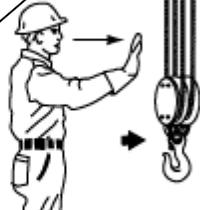
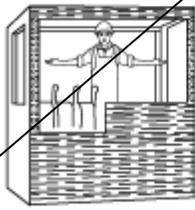
**STANDARDS PRESENTATION  
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PROPOSED STATE STANDARD,  
TITLE 8, DIVISION 1, CHAPTER 4

 <p><b>USE MAIN HOIST.</b> Tap fist on head; then use regular signals.</p>	 <p><b>USE WHIP LINE. (Auxiliary Hoist)</b> Tap elbow with one hand; then use regular signals.</p>	 <p><b>DOG EVERYTHING.</b> Clasp hands in front of body.</p>
 <p><b>RAISE THE BOOM AND LOWER THE LOAD.</b> With arm extended, thumb pointing up, flex fingers in and out as long as load movement is desired.</p>	 <p><b>LOWER THE BOOM AND RAISE THE LOAD.</b> With arm extended, thumb pointing down, flex fingers in and out as long as load movement is desired.</p>	 <p><b>TRAVEL. (Both Tracks)</b> Use both fists, in front of body, making a circular motion, about each other, indicating direction of travel; forward or backward. (For crawler cranes only)</p>
 <p><b>TRAVEL.</b> Arm extended forward, hand open and slightly raised, make pushing motion in direction of travel.</p>	 <p><b>EXTEND BOOM. (Telescoping Booms)</b> Both fists in front of body with thumbs pointing outward.</p>	 <p><b>RETRACT BOOM. (Telescoping Booms)</b> Both fists in front of body with thumbs toward each other.</p>

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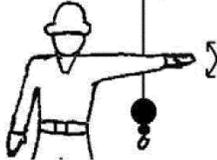
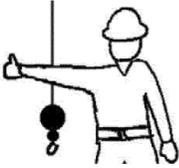
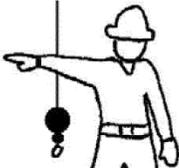
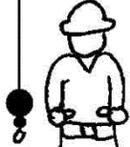
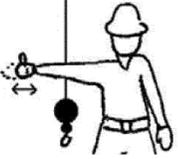
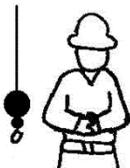
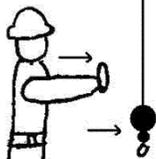
PROPOSED STATE STANDARD,  
TITLE 8, DIVISION 1, CHAPTER 4

 <p><b>EXTEND BOOM.</b> (Telescoping Boom) One Hand Signal. One fist in front of chest with thumb tapping chest.</p>	 <p><b>RETRACT BOOM</b> (Telescoping Boom). One Hand Signal. One fist in front of chest. Thumb pointing outward and heel of fist tapping chest.</p>	 <p><b>OPEN (Clamshell).</b> Arm extended. Open hand slowly.</p>
 <p><b>CLOSE (Clamshell).</b> Arm extended. Close hand slowly.</p>	 <p><b>TROLLEY TRAVEL.</b> Palm up. Fingers closed. Thumb pointing in direction of motion. Jerk hand horizontally.</p>	 <p><b>BRIDGE TRAVEL.</b> Arm extended forward. Hand open and slightly raised. Make pushing motion in direction of travel.</p>
 <p><b>MAGNET IS DISCONNECTED.</b> Crane operator spreads both hands apart—palms up.</p>	 <p><b>MULTIPLE TROLLEYS.</b> Hold up one finger for block marked "1" and two fingers for block marked "2." Regular signals follow.</p>	

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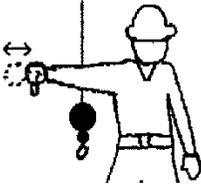
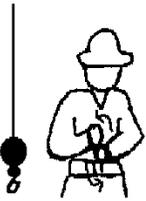
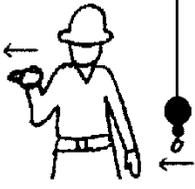
Plate I  
RECOMMENDED HAND SIGNALS FOR CONTROLLING CRANE OPERATIONS

 <p><b>STOP</b> – With arm extended horizontally to the side, palm down, arm is swung back and forth.</p>	 <p><b>EMERGENCY STOP</b> – With both arms extended horizontally to the side, palms down, arms are swung back and forth.</p>	 <p><b>HOIST</b> – With upper arm extended to the side, forearm and index finger pointing straight up, hand and finger make small circles.</p>
 <p><b>RAISE BOOM</b> – With arm extended horizontally to the side, thumb points up with other fingers closed.</p>	 <p><b>SWING</b> – With arm extended horizontally, index finger points in direction that boom is to swing.</p>	 <p><b>RETRACT TELESCOPING BOOM</b> – With hands to the front at waist level, thumbs point at each other with other fingers closed.</p>
 <p><b>RAISE THE BOOM AND LOWER THE LOAD</b> – With arm extended horizontally to the side and thumb pointing up, fingers open and close while load movement is desired.</p>	 <p><b>DOG EVERYTHING</b> – Hands held together at waist level.</p>	 <p><b>LOWER</b> – With arm and index finger pointing down, hand and finger make small circles.</p>
 <p><b>LOWER BOOM</b> – With arm extended horizontally to the side, thumb points down with other fingers closed.</p>	 <p><b>EXTEND TELESCOPING BOOM</b> – With hands to the front at waist level, thumbs point outward with other fingers closed.</p>	 <p><b>TRAVEL/TOWER TRAVEL</b> – With all fingers pointing up, arm is extended horizontally out and back to make a pushing motion in the direction of travel.</p>

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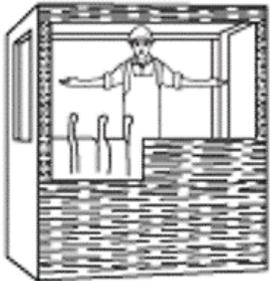
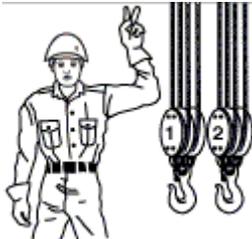
RECOMMENDED HAND SIGNALS FOR CONTROLLING CRANE OPERATIONS (Cont.)

 <p><b>LOWER THE BOOM AND RAISE THE LOAD</b> – With arm extended horizontally to the side and thumb pointing down, fingers open and close while load movement is desired.</p>	 <p><b>MOVE SLOWLY</b> – A hand is placed in front of the hand that is giving the action signal.</p>	 <p><b>USE AUXILIARY HOIST (whipline)</b> – With arm bent at elbow and forearm vertical, elbow is tapped with other hand. Then regular signal is used to indicate desired action.</p>
 <p><b>CRAWLER CRANE TRAVEL, BOTH TRACKS</b> – Use both fists in front of body, making a circular motion about each other indicating direction of travel, forward or backward.</p>	 <p><b>USE MAIN HOIST</b> – A hand taps on top of the head. Then regular signal is given to indicate desired action.</p>	 <p><b>CRAWLER CRANE TRAVEL, ONE TRACK</b> – Indicate track to be locked by raising fist on that side. Rotate other fist in front of body in direction that other track is to travel.</p>
 <p><b>TROLLEY TRAVEL</b> – With palm up, fingers closed and thumb pointing in direction of motion, hand is jerked horizontally in direction trolley is to travel.</p>		

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RECOMMENDED HAND SIGNALS FOR CONTROLLING CRANE OPERATIONS (Cont.)

 <p style="text-align: center;"><b>EXTEND BOOM (Telescoping Boom)</b></p> <p><b>One hand signal. One fist in front and tapping chest with the thumb.</b></p>	 <p style="text-align: center;"><b>RETRACT BOOM (Telescoping Boom)</b></p> <p><b>One hand signal. One fist in front of chest, thumb pointing outward and tapping the chest with the heel of the fist.</b></p>
 <p style="text-align: center;"><b>OPEN (Clamshell)</b></p> <p><b>Extend arm horizontally to the side, open hand slowly.</b></p>	 <p style="text-align: center;"><b>CLOSE (Clamshell)</b></p> <p><b>Extend arm horizontally to the side, close hand slowly.</b></p>
 <p style="text-align: center;"><b>MAGNET DISCONNECTED</b></p> <p><b>Crane operator spreads extends both arms horizontally to the side with palms up.</b></p>	 <p style="text-align: center;"><b>MULTIPLE TROLLEYS</b></p> <p><b>Hold up one finger for block marked "1" and two fingers for block marked "2", followed by a regular signal to indicate desired action.</b></p>

NOTE: Authority cited: Section 142.3, Labor Code. Reference: Section 142.3, Labor Code.