
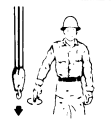



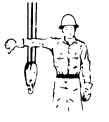
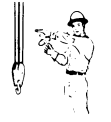


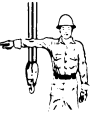
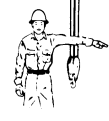

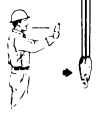
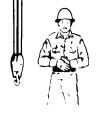

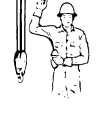






**WAC 296-78-830 Standard crane hand signals—Illustrations. (1)**

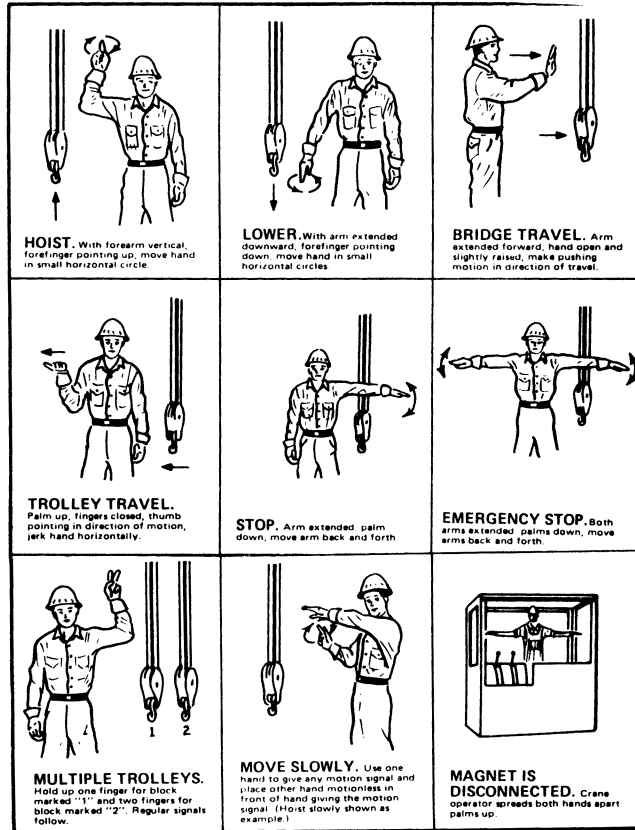
The following hand signals must be used for crawler, locomotive, and truck cranes and a copy must be posted in the cab at the operator's station.

**CRAWLER, LOCOMOTIVE, AND TRUCK CRANES**

 <p><b>HOIST.</b> With forearm vertical, forefinger pointing up, move hand in small horizontal circle.</p>	 <p><b>LOWER.</b> With arm extended downward, forefinger pointing down, move hand in small horizontal circle.</p>	 <p><b>USE MAIN HOIST.</b> Tap hat on head; then use regular signals.</p>	 <p><b>USE WHIPLINE (Auxiliary Hoist).</b> Tap elbow with one hand; then use regular signals.</p>	 <p><b>RAISE BOOM.</b> Arm extended, fingers closed, thumb pointing upward.</p>
 <p><b>LOWER BOOM.</b> Arm extended, fingers closed, thumb pointing downward.</p>	 <p><b>MOVE SLOWLY.</b> Use one hand to give any motion signal and place other hand motionless in front of hand giving the motion signal. (Hoist slowly shown as example.)</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>SWING.</b> Arm extended, point with finger in direction of swing of boom.</p>
 <p><b>STOP.</b> Arm extended, palm down, hold position rigidly.</p>	 <p><b>EMERGENCY STOP.</b> Arm extended, palm down, move hand rapidly right and left.</p>	 <p><b>TRAVEL.</b> Arm extended forward, hand open and slightly raised, make pushing motion in direction of travel.</p>	 <p><b>DOG EVERYTHING.</b> Clasp hands in front of body.</p>	 <p><b>TRAVEL (Both Tracks).</b> Use both flats 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 (One Track).</b> Lock the track on side indicated by raised flat. Travel opposite track in direction indicated by circular motion of other flat, rotated vertically in front of body. (For crawler cranes only.)</p>	 <p><b>EXTEND BOOM (Telescoping Booms).</b> Both flats in front of body with thumbs pointing outward.</p>	 <p><b>RETRACT BOOM (Telescoping Booms).</b> Both flats in front of body with thumbs pointing toward each other.</p>	 <p><b>EXTEND BOOM (Telescoping Boom).</b> One Hand Signal. One flat in front of chest, thumb tapping chest.</p>	 <p><b>RETRACT BOOM (Telescoping Boom).</b> One Hand Signal. One flat in front of chest, thumb pointing outward and heel of flat tapping chest.</p>

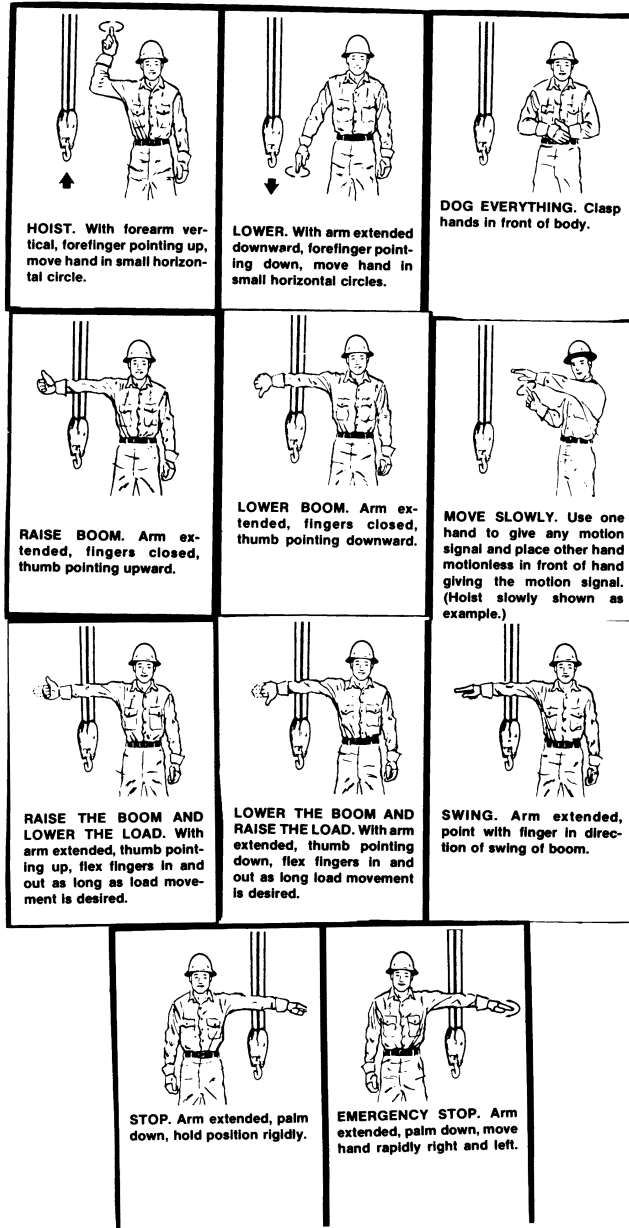
(2) The following hand signals must be used for overhead and gantry cranes and a copy must be posted in the cab at the operator's station.

STANDARD HAND SIGNALS FOR CONTROLLING OVERHEAD AND GANTRY CRANES



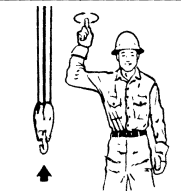
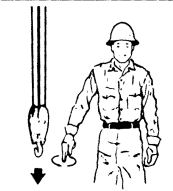
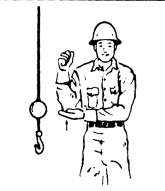
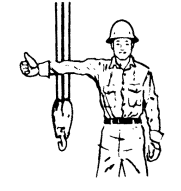
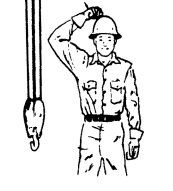

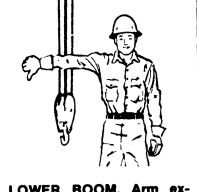
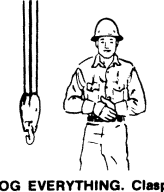
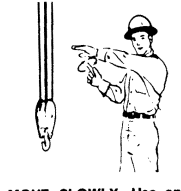
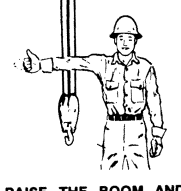
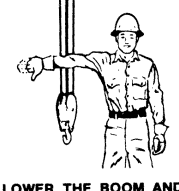
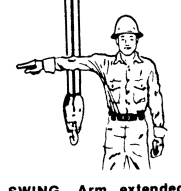
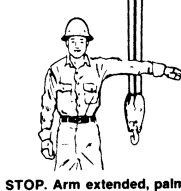
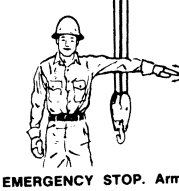
(3) The following hand signals must be used for derricks and a copy must be posted in the cab at the operator's station.

STANDARD HAND SIGNALS FOR CONTROLLING DERRICKS



(4) The following hand signals must be used for portal, tower, and pillar cranes and a copy must be posted in the cab at the operator's station.

STANDARD HAND SIGNALS FOR CONTROLLING PORTAL, TOWER AND PILLAR CRANES

 <p><b>HOIST.</b> With forearm vertical, forefinger pointing up, move hand in small horizontal circle.</p>	 <p><b>LOWER.</b> With arm extended downward, forefinger pointing down, move hand in small horizontal circles.</p>	 <p><b>USE WHIPLINE (Auxiliary Hoist).</b> Tap elbow with one hand; then use regular signals.</p>
 <p><b>RAISE BOOM.</b> Arm extended, fingers closed, thumb pointing upward.</p>	 <p><b>USE MAIN HOIST.</b> Tap flat on head; then use regular signals.</p>	 <p><b>EXTEND BOOM (Telescoping Boom).</b> One Hand Signal. One fist in front of chest with thumb tapping chest.</p>
 <p><b>LOWER BOOM.</b> Arm extended, fingers closed, thumb pointing downward.</p>		 <p><b>DOG EVERYTHING.</b> Clasp hands in front of body.</p>
 <p><b>MOVE SLOWLY.</b> Use one hand to give any motion signal and place other hand motionless in front of hand giving the motion signal. (Hoist slowly shown as example.)</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>SWING.</b> Arm extended, point with finger in direction of swing of boom.</p>	 <p><b>STOP.</b> Arm extended, palm down, hold position rigidly.</p>	 <p><b>EMERGENCY STOP.</b> Arm extended, palm down, move hand rapidly right and left.</p>

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, and 49.17.060. WSR 17-16-132, § 296-78-830, filed 8/1/17, effective

9/1/17. Statutory Authority: RCW 49.17.040, 49.17.050 and 49.17.240.  
WSR 81-18-029 (Order 81-21), § 296-78-830, filed 8/27/81.]