



# Hoisting and Rigging Review of Conformance Form

(See page 3 for instructions)

<b>Hoisting and Rigging (H&amp;R) Equipment Database Registration Information</b>		
Submitted by _____ Date _____ <small>(Person responsible for ensuring that all required signatures, inspections, and approvals are obtained)</small>		
Equipment custodian _____ Dept. or group _____		
Built by <input type="checkbox"/> SLAC or <input type="checkbox"/> Manufacturer _____ <input type="checkbox"/> New or <input type="checkbox"/> Existing		
Equipment type _____ Working load limit (WLL) _____ Device weight <sup>1</sup> _____ <small>(Only use equipment types listed in the table on page 4)</small>		
Model _____ Serial no. _____ Property control no. (PC #) _____		
<small>Additional equipment description, or description of "other" equipment types</small>		
Equipment location _____ Equipment ID _____ or <input type="checkbox"/> Fac CRN # to be assigned		
<b>H&amp;R Equipment Design Certification</b>		
<input type="checkbox"/> Manufacturer's certification <small>(Attach documentation that equipment meets applicable standards.)</small> or <input type="checkbox"/> SLAC qualified engineer certification <small>(Attach engineering report, including drawings/sketches, calculations, and design factor. Additionally, complete the certification below.)</small>		
<p>I certify that the design of this equipment (and the building and supportive structures for any fixed-location cranes) have been evaluated and found to comply with the following applicable standards.</p>		
List applicable standards _____		
Specify structural weld inspection requirement <sup>2</sup>		
<input type="checkbox"/> Not required <input type="checkbox"/> Visual inspection <input type="checkbox"/> Non-destructive testing		
Qualified engineer _____ <div style="display: flex; justify-content: space-around; width: 100%;"> <span><small>Printed name</small></span> <span><small>Signature</small></span> <span><small>Date</small></span> </div>		
or <input type="checkbox"/> Design certification or documentation is not available; an exemption is requested. <small>(Exemptions are rare but may be granted if the equipment is properly marked with the manufacturer's identification and it meets all other review of conformance requirements.)</small>		
<b>Fixed Crane and Hoist Approval</b>		
<b>Building Inspection Office</b>		
Department head or designee _____ <div style="display: flex; justify-content: space-around; width: 100%;"> <span><small>Printed name</small></span> <span><small>Signature</small></span> <span><small>Date</small></span> </div>		
<b>Hoisting and Rigging Citizen Committee</b>		
Committee chair or designee _____ <div style="display: flex; justify-content: space-around; width: 100%;"> <span><small>Printed name</small></span> <span><small>Signature</small></span> <span><small>Date</small></span> </div>		

1 Required for below-the-hook lifting devices that weigh 100 pounds or more

2 If structural weld inspection is required, attach test report or completed inspection form (Hoisting and Rigging: Visual Structural Weld Inspection Criteria and Form (SLAC-I-730-0A21J-020), [pdf](#) or [Word](#))



# Hoisting and Rigging: Review of Conformance Form

URL: <http://www-group.slac.stanford.edu/esh/eshmanual/references/hoistingFormConformance.pdf> or [Word](#)

Revision Record: <https://www-internal.slac.stanford.edu/esh/docreview/reports/revisions.asp?ProductID=427>

Department: Field Safety and Building Inspection

Program: Hoisting and Rigging

Authority: [ESH Manual, Chapter 41, Hoisting and Rigging](#)

Date Effective: 15 September 2009

The review of conformance process ensures that equipment is evaluated by qualified personnel for compliance with the requirements of Department of Energy Standard 1090, “Hoisting and Rigging” ([DOE-STD-1090-2007](#)) and Chapter 41, “Hoisting and Rigging”. This process applies to all H&R equipment (including hooks but excluding other rigging hardware and accessories) and must be completed before equipment is placed into service as described below.

*Note*      *Rigging hardware and accessories (excluding hooks) must only pass an initial inspection and is not subject to the review of conformance.*

For specific information on inspection requirements and responsible and/or qualified persons, see [Hoisting and Rigging: Inspection and Maintenance Requirements](#) (SLAC-I-730-0A21S-035).

## 1 Filling Out the Form

The table on the following page summarizes which equipment is subject to the review of conformance process and lists the steps to take to bring it into compliance. The table also specifies the type names that must be used to describe equipment when filling in the “H&R Equipment Database Registration Information” section. Additional information on filling out that section follows:

- **Equipment type.** Use only descriptions listed in the table. If the equipment type is not listed, indicate “other” and add explanatory detail.
- **Model #.** If available. For SLAC-fabricated items, use the drawing number.
- **Property control no. (PC #).** if available (SLAC number generated by Business Information Services)
- **Equipment ID #.** All H&R equipment must be assigned a unique identification number as follows:
  - Cranes, hoists, and miscellaneous lifting devices. All must have a Facilities CRN #, which is assigned and affixed to the equipment by the Facilities Department. If one has not yet been assigned, check the “Fac CRN # to be assigned” box.
  - Other equipment. Groups or departments assign a unique number, which is typically a combination of the department abbreviation and a sequential number (such as MFD-005, MFD-006, CEF-075, CEF-076, SSRL-042, SSRL-043).
- **Equipment location.** where the equipment is installed or usually stored

The remainder of the form includes explanatory detail for filling in fields. For more information, contact the hoisting and rigging program manager.

## 2 Requirements Summary

**Table 1** Newly Fabricated or Newly Purchased Equipment

Equipment Type	Action to Satisfy Review of Conformance Requirement
All types of H&R equipment (including hooks but excluding other rigging hardware and accessories)	Submit Review of Conformance Use the equipment type designations listed below Note: Any fixed location cranes must be approved by the Hoisting and Rigging Committee and the Building Inspection Office prior to fabrication or purchase.
Rigging hardware and accessories (except hooks)	Only requirement: Initial inspection performed by <i>qualified person</i>

**Table 2** Equipment Already in Inventory or Service

Required Equipment Type Designations	Required Action to Satisfy Review of Conformance Requirement
Crane, bridge Crane, jib, wall-mounted Crane, jib, free-standing Crane, monorail Crane, gantry, fixed location Crane, gantry, portable Crane, shop Cherry picker/engine hoist Crane, truck mounted Crane, mobile Hoist, electric Hoist, air Hoist, hydraulic Hoist, hand chain operated Hoist, manual lever operated	All cranes, hoists, and <i>miscellaneous lifting devices</i> (see Chapter 41 for definition) must have a Facilities CRN # and a current inspection tag. These two items on any such equipment confirm that the review of conformance process requirements have been met. If either requirement is not met: 1. Take equipment out of service 2. To apply for a Facilities CRN #, complete a review of conformance 3. To schedule an inspection, submit a <a href="#">Facilities service request</a> 4. Return equipment to service only when both requirements are met
Lifting device, structural or mechanical Lifting device, vacuum Magnet, close-proximity operated Magnet, remote operated Sling, wire-rope (bridle) Sling, chain Sling, metal-mesh Sling, cylinder Sling, blanket Other	All other types of equipment (including hooks but excluding other H&R hardware and accessories) must have a review of conformance on file with the H&R inspector and a current inspection tag. If either requirement is not met: 1. Take equipment out of service 2. Submit a review of conformance (if not on file) 3. To schedule an inspection, submit a <a href="#">Facilities service request</a> or contact other qualified inspector 4. Return equipment to service only when both requirements are met