



## Initial Inspection

New, reinstalled, altered, repaired, and modified equipment shall be inspected prior to initial use to verify whether the crane or hoist can be expected to perform as intended.

The operational inspection shall include the following function tests (with an empty hook), as applicable:

- Lifting and lowering
- Trolley travel
- Bridge travel
- Hoist-limit devices
- Travel-limiting devices
- Locking and indicating devices, if provided

New equipment shall also be load tested prior to initial use. Load testing for altered, repaired or modified cranes or hoists may be limited to the functions affected by the alternation, repair or modification, as determined by a qualified person.

- The load shall not be less than 100% of the rated load of the crane or hoist(s), whichever is larger, or more than 125% of the rated load of the crane or hoist, whichever is smaller, unless otherwise recommended by the manufacturer or qualified person.
- During a load test, the person conducting the load test shall prepare a written report of the load sustained during the test and the operations performed during the test. Reports shall be placed on file for that particular crane or hoist(s).
- Operations to perform during a load test include (unless otherwise modified by a qualified person):
  - Hoist the test load a distance to ensure that the load is supported by the crane and held by the hoist brakes.
  - Transport the test load by means of the trolley for the full length of the bridge.
  - Transport the test load by means of the bridge for the full length of the runway in one direction with the trolley as close to the extreme right-hand end of the crane as practical, and in the other direction with the trolley as close to the extreme left-hand end of the crane as practical.
  - Lower the test load, and stop and hold the load with the brakes.
- Record inspection using the following "Inspection Record" form. Retain originals in equipment file.

