

ASME B30

American Society of Mechanical Engineers

ASME B30 covers cranes and hoists and the rigging that goes with them: the hooks, slings, brakes, limit switches and controls that keep a lifted load under control. It sets what gets checked and how often, from the daily look to the periodic and rated-load inspections. Those formal inspections are the qualified inspector's to run and sign; the field role is to observe condition, confirm the paperwork exists and document what is visible before a lift.

What it covers

- Hooks, slings and rigging hardware, and their condition limits
- Brakes, holding devices and controlled lowering
- Upper and lower limit switches and travel limits
- Controls, pendant or radio, and the labeling of functions
- Periodic and rated-load inspection intervals and records

What a field inspection looks at

- Hooks and rigging photographed for throat opening, wear and deformation, with anything past its limit pulled from service.
- Brake and limit-switch function observed before a lift and documented as observed.
- Controls confirmed labeled and responding correctly, photographed at the pendant or station.
- Periodic and rated-load inspections left to the qualified inspector; the field record confirms the current record is on hand, not a rating RTI gives.
- Damaged or out-of-limit gear photographed and tagged out rather than left in the rack for the next crew.

Adoption varies by jurisdiction. Confirm the edition your authority having jurisdiction enforces before you run a walk against it.