



5TH NCCCO FOUNDATION Industry Forum

ASME B30 Standards *What's "bubbling under"?*

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October 29, 2020

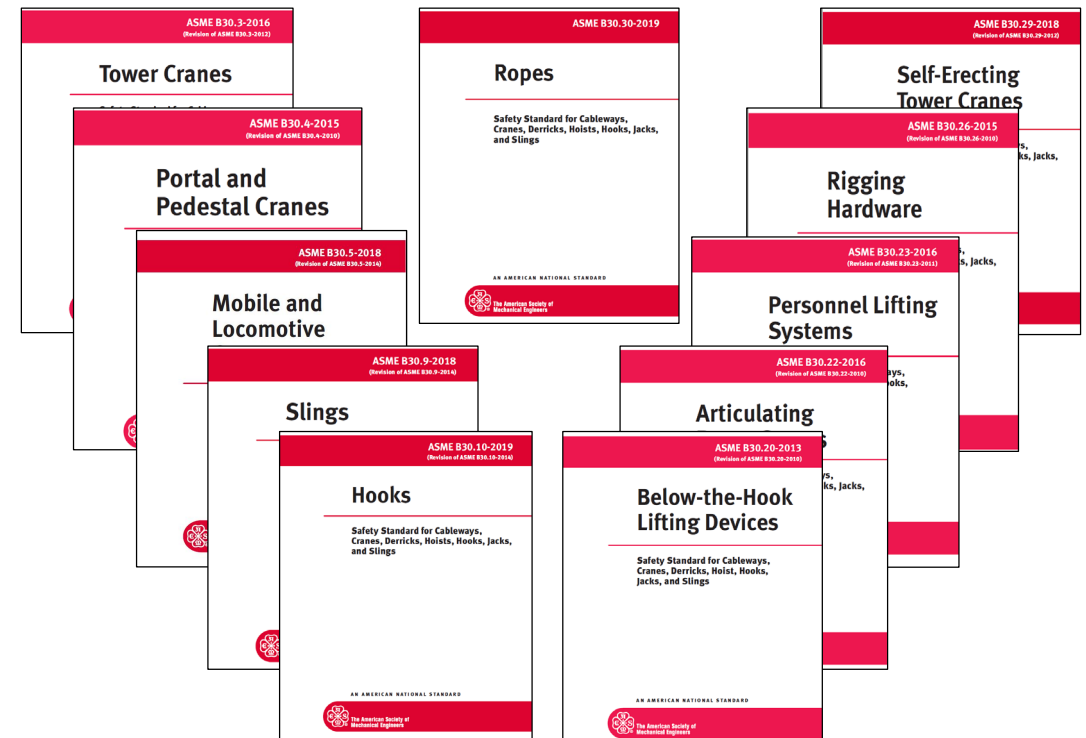
Publication Status

3 Year Publication Cycle

- B30.5 (2018) – Mobile
- B30.9 (2018) – Slings
- B30.20 (2018) – Below the Hook Devices

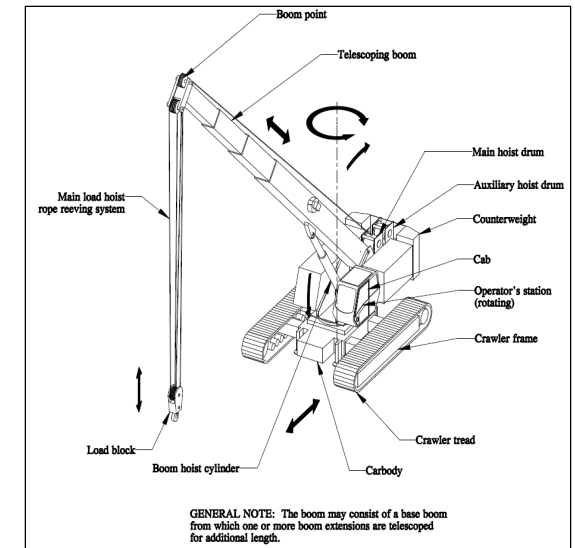
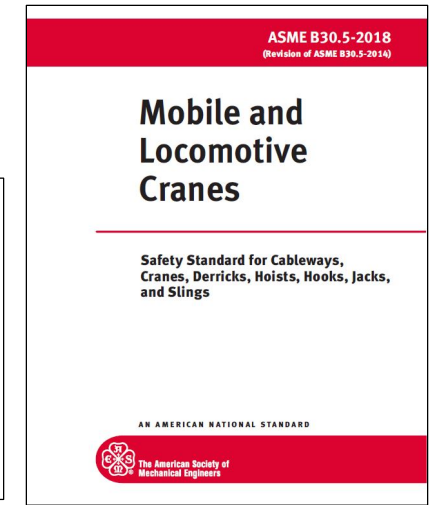
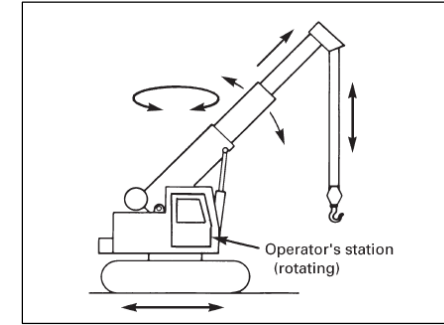
5 Year Publication Cycle

- B30.3 (2019) – Tower Cranes
- B30.4 (2020) – Portal and Pedestal
- B30.10 (2019) – Hooks
- B30.22 (2016) – Articulating
- B30.23 (2016) – Personnel Lifting
- B30.26 (2015) – Rigging Hardware
- B30.29 (2018) – Self-Erecting Tower Crane
- B30.30 (2019) - Ropes



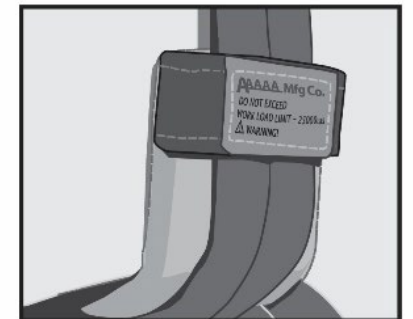
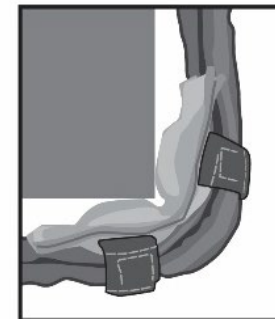
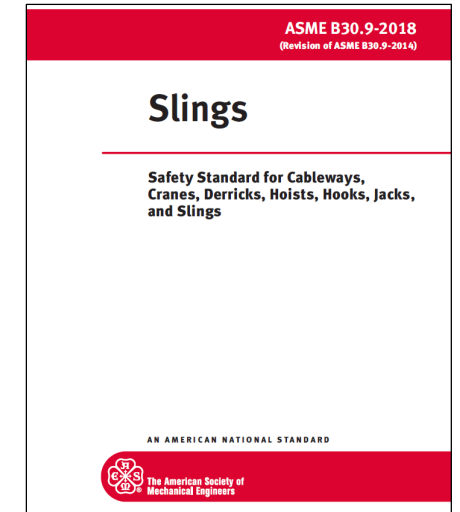
B30.5 - Preview of Approved Changes

- Updates to all the crane type figures which includes using 3D isometric views where possible
- Qualifications for Riggers
- Revisions to physical qualifications of Operators
- Addition of Signalperson description and Signalperson responsibilities
- Prohibition of personnel to stand or pass under rope, reeving, blocks, balls and devices unless performing specific tasks as listed
- Addition of SAE standards that specify performance characteristics of operational aids such as ATB devices, angle/length/rotation/rated capacity indicators and load limiters
- Addition of bar pendants to the list of prototype components required to meet the performance requirements of SAE J987
- Revised sections in 5-2 to specifically state inspecting all items as recommended by the manufacturer or a qualified person
- Reviewing the addition of Lift Director qualifications



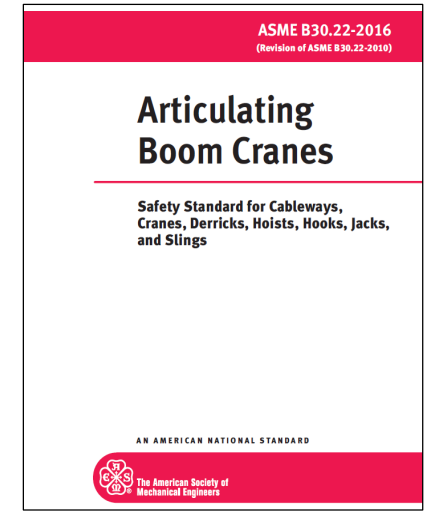
B30.9 - Preview of Approved Changes

- Addition of non-mandatory appendix that offers a 3 part approach on recognizing hazards, types of damage and the efforts needed to identify and install sling protection
- Revision of endless chain sling guidance in Chapters 0 and 1
- Addition of connection hardware shape and size among the list of factors the sling's rating is based
- Inclusion of the WSTDA reference as guidance for the minimum recommended radius values



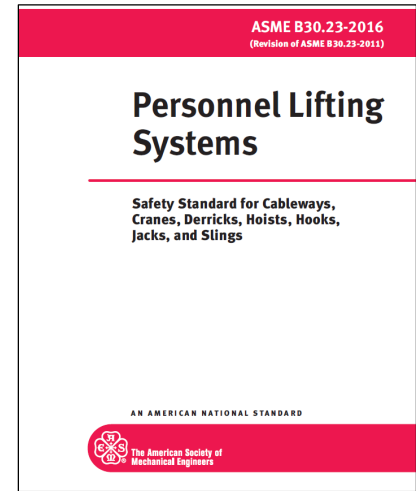
B30.22 - Preview of Approved Changes

- Removal of detailed rope inspection criteria and addition of B30.30 reference
- Addition of Signalperson description and Signalperson responsibilities
- Update to electrical section to align with other B30 Volumes



B30.23 - Preview of Approved Changes

- Added requirement to secure personnel platforms when personnel are entering or exiting the platform attached to equipment that is floating or when being lifted to a location that is floating
- Added requirement for fall protection devices to be continually connected when entering/exiting a platform
- Update of the electrical section to align with other B30 Volumes
- Revisions in various sections to clarify fall protection, fall arrest and personal protective equipment (PPE)
- Reviewing each chapter for revisions





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THANK YOU FOR YOUR ATTENTION

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