Bridge and Gantry 1926 vs 1910

1926/B30.2	1910
1) Design, inspection, Construction, testing, maintenance and operations per ANSI B30.2-1967	1) Construction and installation per B30.2-1967
2) Requires frequent observations of operating mechanisms	**2) Requires daily operational check of all functional operational mechanisms**
3) Frequent Inspection of upper limit devices	3) Periodic inspection of upper limit devices
4) Periodic inspection of hooks, chains and wire rope	**4) Monthly inspection of hooks, chains and wire rope with a certification record**
5) Periodic inspection of crane's reeving	**5) Frequent inspection of crane's reeving**
6) Periodic inspection includes inspecting pins, nuts, wheels, bumpers, and stops	6) Periodic inspection does not specifically address these parts
7) Periodic inspection does not specifically address these parts	**7) Periodic inspection for brakes includes linings, pawls and ratchets**
8) Periodic inspection states "wind indicators for proper operation"	**8) Periodic inspection states "Load, wind and other indicators over their full range, for any significant inaccuracies"**
9) Periodic inspection of power plants for proper operations	**9) Periodic inspection of "Power plants for improper performance or noncompliance with applicable safety requirements"**
10) Periodic inspection of "All functions for instructions, caution, warning labels or plates for legibility and replacement"	10) Periodic inspections requires labels on pendant control stations to be legible
11) Periodic inspection of electrical checks ends with "...but not limited to those items"	11) Periodic inspection of electrical checks is same except for ending statement
12) Cranes idle more than one year require a periodic inspection	**12) Cranes idle more than six months require a periodic inspection**
13) Wire rope inspected on periodic frequency with specific rejection requirements	**13) Wire rope inspected monthly but no specific rejection requirements**
14) Preventative maintenance "should be" established	**14) Preventative maintenance "shall be" established**
15) Requires replacement parts to be at least equal to original manufacturer's specifications	15) Does not address replacement parts

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16) Warning signs will be utilized on the floor of the crane where overhead maintenance work creates a hazard	**16) Requires a warning sign on the crane and on floor beneath the crane or a hook where visible from the floor**
17) States rail stops or a signal person shall be provided to prohibit contact of another crane on the same runway while maintenance work is in progress	17) States rail stops or some other suitable means shall be provided during maintenance work
18) Requires a barrier to be installed between adjacent runways to prevent contact with maintenance persons	18) Adjacent barriers for maintenance workers is not addressed
19) States precautions for maintenance workers performing runway repairs	19) Does not address precautions for runway repairs
20) States operator qualifications and for each crane by type of controls	20) Does not specifically address operator qualifications
21) States standard hand signals to be used by signal men	21) Does not specifically address hand signals
22) Requires manufacturer's identification markings, multiple hoist markings,	22) Does not address manufacturer's markings
23) Requires a warning label with specific information to be applied to the pendant station, portable operation station or the load block	23) Does not address a specific warning label
24) Allows for operational testing for only affected components of modifications or alterations	**24) Does not allow for operational testing based on component affected**
25) Did not address modified and rerated cranes	**25) Modified and rerated cranes shall be load tested**

Notes

1) Comparison used ASME B30.2 2001 not 1967
2) Bold lettering denotes the more stringent standard
3) Construction and design comparisons were not performed since both 1910 and 1926 reference ANSE B30.2. The 1967 standard referenced in both documents has been updated by several revisions.