Crane Inspection &
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# CICB Overhead Crane/Hoist Pre-Operational Checklist

| Crane ID #: | Capacity: | Location: |
|---|---|---|
| | | |

| 1st of the Month Hour Meter Reading: | | Month/Year |
|---|---|---|

| Mark the appropriate boxes<br>**S** - Satisfactory<br>**U** - Unsatisfactory<br>**N** - Not Applicable | Reference Standard | Machine Description & Number / Day of the Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| **C o n t r o l s** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Support Against Strain | B30.2-1.13.1 (d) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Identification/labels | B30.2-1.13.1 (e) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Warning Labels/decals | B30.2-1.1.5 (a) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| General Condition | B30.2-1.1.2 (c) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **H o o k** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Safety Latch | 1910.179 (j)(2)(iii) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Deformation | B30.10-1.2.1.2 (c)(1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wear | B30.10-1.2.1.2 (c)(2) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cracks, Nicks, Gouges | B30.10-1.2.1.2 (c)(3) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Attachment Points | B30.10-1.2.1.2 (c)(6) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Self-Locking Operation | B30.10-1.2.1.2 (c)(7) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **C h a i n** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Operation | B30.16-2.5.1 (a) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lubrication | B30.16-2.5.1 (b) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Defects/wear | B30.16-2.5.1 (c) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **W i r e R o p e** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Distortion | B30.2-2.4.1 (a)(1)(a) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Corrosion | B30.2-2.4.1 (a)(1)(b) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Broken Wires/cuts | B30.2-2.4.1 (a)(1)(c) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Reeving | B30.2-2.1.1 (c)(6) & 1910.179 (j)(2)(vii) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **S t r u c t u r e** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Load Rating Marked | B30.2-1.1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Defects, Cracks, Welds | B30.2-2.1.3 (b)(1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Air System | B30.2-2.1.2 (c)(3) & 1910.179 (j)(2)(ii) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hydraulic System | B30.2-2.1.2 (c)(3) & 1910.179 (j)(2)(ii) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **B r i d g e** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wear/defects | B30.2-2.1.2 (c)(1) & 1910.179 (j)(2)(vi) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **T r o l l e y** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wear/defects | B30.2-2.1.2 (c)(1) & 1910.179 (j)(2)(vi) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **H o i s t** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wear/defects | B30.2-2.1.2 (c)(1) & 1910.179 (j)(2)(vi) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Mark the appropriate boxes<br>**S** - Satisfactory<br>**U** - Unsatisfactory<br>**N** - Not Applicable | **Reference Standard** | **Machine Description & Number** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | **Day of the Month** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| **E l e c t r i c a l** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Emergency Disconnect | B30.2-1.13.5 (a) & 1910.179 (g)(5)(i) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Identification/labels | B30.2-2.1.3 (b)(12) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Warning Labels/decals | B30.2-2.1.3 (b)(12) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Warning Labels/decals | B30.2-2.1.3 (b)(12) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **F u n c t i o n** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Limit Switches | 1910.179 (j)(2)(vi) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hoist Mechanisms | 1910.179 (j)(2)(vi) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bridge Mechanisms | 1910.179 (j)(2)(vi) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Trolley Mechanisms | 1910.179 (j)(2)(vi) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **C a b** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fire Extinguisher | B30.2-1.5.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Housekeeping | B30.2-3.4.2 (b) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lighting | B30.2-1.5.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hand Signal Chart | B30.2-2.3.3.1 (c) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

**Inspector's Signature** _____

If this crane is not utilized on a date, draw a vertical line through the column.

Please Note - An inspector/operator is responsible to bring Unsatisfactory items to the attention of his/her supervisor and/or maintenance department. **CICB** has put this Pre-Operational Checklist together as a guide and the operator/inspector should always refer to the manufacturer to ensure that all required items are being inspected