## Errata to ASME B30.20 – 2021
### B30.20 - Below-the-Hook Lifting Devices

The errata correction listed below applies to ASME B30.20 – 2021

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| 9    | 20-1.3.3 Frequent Inspection | The following list should have been deleted and the sentence above ends in a period.  
(a) structural members for deformation, cracks, or excessive wear on any part of the lifter  
(b) loose or missing guards, fasteners, covers, stops, or nameplates  
(c) all functional operating mechanisms and automatic hold-and-release mechanisms for misadjustments interfering with operation  
(d) missing or illegible operating control markings |
| 17   | 20-2.3.9.2(a) Load Test | The line "Test loads shall not be more than 125% ..." should be "Test loads shall be 125%..." |
| 23   | 20-3.3.4 Periodic Inspection | The line "Complete inspections of lifting magnets shall be performed and recorded at intervals..." should be "Complete inspections of lifting magnets shall be performed at intervals..." |
| 24   | 20-3.3.7 Removal Criteria | The line "... person) and would result in unsafe performance. A structural and mechanical lifting device shall only be returned..." should be "... person) and shall only be returned..." |
| 24   | 20-3.3.7 (i) Removal Criteria | The line "(i) lifting surfaces" should be "(i) lifting surfaces that display" |
| 31   | 20-4.3.2 Frequent Inspection | The line "Lifting magnets shall be inspected for damage at intervals" should be "Lifting magnets shall be inspected at intervals" |
| 31   | 20-4.3.6(j) Removal Criteria | The line "(j) lifting services:" should be "(j) lifting surfaces that display:" |
| 32   | 20-4.3.7 Repairs | The line "...determines the damage does not constitute a hazard..." should be "...determines the deficiency does not constitute a hazard..." |
### 20-1.3.3 Frequent Inspection (See Also Table 20-1.3.3-1)

Lifting devices shall be inspected at intervals as defined in para. 20-1.3.1(b)(2). Conditions such as those listed in para. 20-1.3.7, or any other condition that may constitute a hazard, shall cause the lifter to be removed from service. A qualified person shall determine whether any deficiency constitutes a hazard, requires a repair, requires disassembly for further inspection, or will require more frequent inspection. The lifter shall not be returned to service until approved by a qualified person.

(a) structural members for deformation, cracks, or excessive wear on any part of the lifter

(b) loose or missing guards, fasteners, covers, stops, or nameplates

(c) all functional operating mechanisms and automatic hold and release mechanisms for misadjustments interfering with operation

(d) missing or illegible operating control markings

### 20-2.3.9.2 Load Test

(a) Prior to initial use, all new, altered, or repaired vacuum lifting devices shall be load tested and inspected by a qualified person, or a designated person under the direction of the manufacturer or a qualified person. A written report shall be prepared by the qualified person and placed on file, confirming the load rating of the vacuum lifting device. Test loads shall not be more than 125% +5%/-0% of the rated load of the system, unless otherwise recommended by the manufacturer or a qualified person.
20-3.3.4 Periodic Inspection

Complete inspections of lifting magnets shall be performed and recorded at intervals as defined in para. 20-3.3.1(b)(3). Conditions such as those listed in para. 20-3.3.7 or any other condition that may constitute

20-3.3.7 Removal Criteria

A lifting magnet shall be removed from service if any conditions (if applicable) such as the following are present (limits established by the manufacturer or qualified person) and would result in unsafe performance. A structural and mechanical lifting device shall only be returned to service when approved by a qualified person:

(a) deformation, cracks, or wear
(b) loose or missing guards, fasteners, covers, stops, or nameplates
(c) excessive pitting or corrosion
(d) excessive nicks or gouges
(e) indications of heat damage
(f) unauthorized welds or modifications
(g) unauthorized replacement components
(h) improper assembly or function
(i) lifting surfaces that display:
   (1) excessive surface wear

20-4.3.2 Frequent Inspection

Lifting magnets shall be inspected for damage at intervals as defined in para. 20-4.3.1(b)(1), including during operation for any deficiency that might appear between inspections. Conditions such as those listed in para. 20-4.3.6 or any other condition that may constitute
4.3.6(j) Removal Criteria

(j) Impaired, seized, or binding moving parts.

§ lifting services surfaces that display:

(1) excessive surface wear

(2) broken, chipped, or damaged.

4.3.7 Repairs

(21) **20-4.3.7 Repairs**

Deficiencies disclosed by the inspection requirements of *Section 20-4.3* shall be corrected according to the procedures outlined in *para. 20-4.3.9* before operation of the lifting magnet is resumed, unless a qualified person determines the damage deficiency does not constitute a hazard. Repairs of clings (ASME B28.9), hooks (ASME B20.10),