

# Material Handling Device Engineering Note

(See [ES&H Manual Chapter 6141 Appendix T6](#)  
[Below-the-Hook Lifting Devices](#))

## 1. Material Handling Device

Device Drawing Number: \_\_\_\_\_

Device Name or Description: \_\_\_\_\_

Device Custodian: \_\_\_\_\_

JLab Storage Location: \_\_\_\_\_

Property Tag No. \_\_\_\_\_

ASME B30.20 Group:  
(Check One)

☐ Group I – Structural and Mechanical Lifting Device

☐ Group II – Vacuum Lifting Device

☐ Group III – Magnets, Close Proximity Operated

☐ Group IV – Magnets, Remote Operated

☐ Other Design Standard

## 2. Production

☐ Purchased from a Commercial Lifting Device  
Manufacturer (Name) \_\_\_\_\_

Device was:  
(Check All the Apply)

☐ Designed and Built at JLab \_\_\_\_\_

☐ Provided by User or Other Laboratory \_\_\_\_\_

☐ Other –Describe: \_\_\_\_\_

## 3. Lifting Device Data

Capacity \_\_\_\_\_

Fixture Weight \_\_\_\_\_

Inspection Frequency \_\_\_\_\_

Service Rating:  
(Refer to B30.20 for Definitions)

☐ Normal ☐ Heavy ☐ Severe

## 4. Rated Load Test (See Load Test Certification Sheet for more information)

☐ Jefferson Lab Tested: \_\_\_\_\_ Date \_\_\_\_\_ Test Load: \_\_\_\_\_

☐ Vendor Tested: Attach Certificate

### Distribution:

**Original:** Material Handling Managers File  
**Copy to:** Device Custodian

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## Form Revision Summary

**Revision 0.3 – 02/09/17 – Periodic Review;** formerly titled Below-The-Hook Lifting Device Engineering Note

**Revision 0.2 – 06/01/12 –** Added a section for test certification notes

**Revision 0.1 – 03/22/12 –** Update to weblinks

**Revision 0.0 – 10/21/11 –** This is new content

| ISSUING AUTHORITY | TECHNICAL<br>POINT-OF-CONTACT | APPROVAL DATE | REVIEW DATE | REV. |
|-------------------|-------------------------------|---------------|-------------|------|
| ESH&Q Division    | <a href="#">Bob Sperlazza</a> | 02/09/17      | 02/09/20    | 0.3  |

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