

**BELOW-THE-HOOK LIFTING DEVICE**  
**Engineering Note Cover Page**

Lifting Device Numbers:

FNAL Site No. \_\_\_\_\_ Div. Specific No. \_\_\_\_\_ Asset No. \_\_\_\_\_

If applicable

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ASME B30.20 Group: (check one)	<input type="checkbox"/> Chapter 20-1 <input type="checkbox"/> Chapter 20-2 <input type="checkbox"/> Chapter 20-3 <input type="checkbox"/> Chapter 20-4 <input type="checkbox"/> Chapter 20-5	Structural and Mechanical Lifting Devices Vacuum Lifting Devices Close Proximity Operated Lifting Magnets Remotely Operated Lifting Magnets Scrap and Material Handling Grapples
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Device Name or Description \_\_\_\_\_

Device was  Purchased from a Commercial Lifting Device Manufacturer. Mfg Name \_\_\_\_\_

(check all applicable)  Designed and Built at Fermilab  
Assy drawing number \_\_\_\_\_

Designed by Fermilab and Built by a Vendor. Assy drawing number \_\_\_\_\_

Provided by a User or other Laboratory \_\_\_\_\_

Other: Describe \_\_\_\_\_

Engineering Note Prepared by \_\_\_\_\_ Date \_\_\_\_\_

Engineering Note Reviewed by \_\_\_\_\_ Date \_\_\_\_\_

Lifting Device Data:

Capacity \_\_\_\_\_

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

ASME BTH -1 Design Category:  Category A  Category B  
(See ASME BTH-1 Section 2-2)

ASME BTH -1 Service Class:  0  1  2  3  4  
(See ASME BTH-1 Section 2-3)

Duty Cycle \_\_\_\_\_ 8, 16 or 24 hour rating (applicable to groups III, and IV)

Inspections Frequency \_\_\_\_\_

Service (refer to B30.20 for definitions)  normal  heavy  severe

Rated Load Test by FNAL (if applicable) Date \_\_\_\_\_ Load \_\_\_\_\_

Check if Load Test was by Vendor and attach the certificate

Satisfactory Load Test Witnessed by: \_\_\_\_\_

Signature (of Load Test Witness) \_\_\_\_\_

Notes or Special Information: