**10110 Form 1**

**BELOW-THE-HOOK LIFTING DEVICE**

## Engineering Note Cover Page

Lifting Device Numbers:

|  |  |  |  |
| --- | --- | --- | --- |
| Engineering Note No. |  | Div. Specific No. |  |
|  |  |  | (If applicable) |

ASME B30.20 Group: [ ] Chapter 20-1 Structural and Mechanical Lifting Devices

(check one) [ ] Chapter 20-2 Vacuum Lifting Devices  
[ ] Chapter 20-3 Close Proximity Operated Lifting Magnets  
[ ] Chapter 20-4 Remotely Operated Lifting Magnets

[ ] Chapter 20-5 Scrap and Material Handling Grapples

|  |  |
| --- | --- |
| 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: