



BELOW-THE-HOOK LIFTING DEVICE INFORMATION SHEET

1. Provide an accurate description of the loads that the device will handle.
 - a. Maximum weight of loads _____
 - b. Location of load center of gravity if not symmetrical

 - c. Dimensions – L x W x H, diameters, with full range of sizes

 - d. Are sides perfectly parallel? _____
 - e. Are sides smooth, bumpy, with low or high spots? _____
 - f. What is the material? _____
 - g. Is it brittle, malleable? _____
 - h. Can the lifting device leave marks or indentations on the material?

 - i. Temperature of material when it is handled? _____
 - j. Surface conditions: dry, wet, oily, dusty _____
 - k. Single piece; a stack; on a pallet; banded; un-banded?

 - l. Number of loads handled per hour _____

2. Operating conditions
 - a. Ambient temperature range _____
 - b. Humidity range _____
 - c. Corrosive gasses _____
 - d. Explosive dust or gasses _____
 - e. Indoor, outdoor, both? _____

3. Crane hook dimensions

4. Description of the existing process and how equipment is operated.
 - a. Smooth and gentle as with automation _____
 - b. Severe impact loading as in high speed manual operation _____

5. Digital photos of the load and of the application are very helpful

6. Other

Examples of attachment devices include:

- Slings and Chain
- Lift Beams
- Magnet Beams
- Vacuum Beams
- Below the Hook Lifters