

Figure 8 on a Bight – knot tying

Grain Handling Safety Coalition

Definitions

Bight - A fold in the rope or U-shaped section of rope being used in making a knot. The two parts lie alongside each other – they do not cross each other.

Dress – Arranging the knot in a way to improve its performance such as crossing or uncrossing the rope in specific ways.

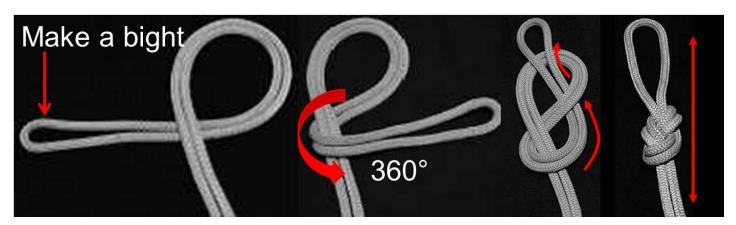
Set – Process of tightening the knot. If a knot is not set properly it can cause it to underperform or loosen.

Standing end - The long end of the lifeline rope. The part not knotted.

Standing part - section of lifeline rope that lies between the standing end and the knot.

Tail - The short end. The part getting knotted.

Working end – The part of the rope active in the knot tying.



Instructions

- 1. Form a bight in the lifeline. It should be about the size of the diameter of the loop you want to make.
- 2. Using the bight as the working end of the rope, form a loop in the (standing part) of the rope.
- 3. Wrap the working end (bight) around the standing part of the rope 360 degrees.
- 4. Feed the working end (bight) through the loop.
- 5. Dress it (keep rope next to each other).
- 6. Pull the knot tight.
- 7. Make sure there is enough tail to tie a safety knot
- 8. CHECK
 - a. Loop is desired size
 - b. Loops do not cross over each other they are parallel.
 - c. Knot is tightly dressed and set
 - d. There is at least a 4 inch "pigtail" after tying the safety knot.

