

USITT eSET Rigging Online Exam

SAMPLE QUESTIONS

A single purchase counterweight system requires what ratio of weight to load to be balanced?

Choose one answer.

- A) 1:1
- B) 2:1
- C) 1:2
- D) equal amounts of strength and weight

To correct a side-loaded shackle:

Choose one answer.

- A) Increase the design factor and recalculate the load
- B) Replace it immediately and dispose of the misused hardware.
- C) Re-terminate the lift line and check the load
- D) Remove the load and reorient the shackle

The load rating stamped on a shackle is the:

Choose one answer.

- A) Safe working load
- B) Ultimate load
- C) Design load
- D) Working Load Limit

RWL stands for:

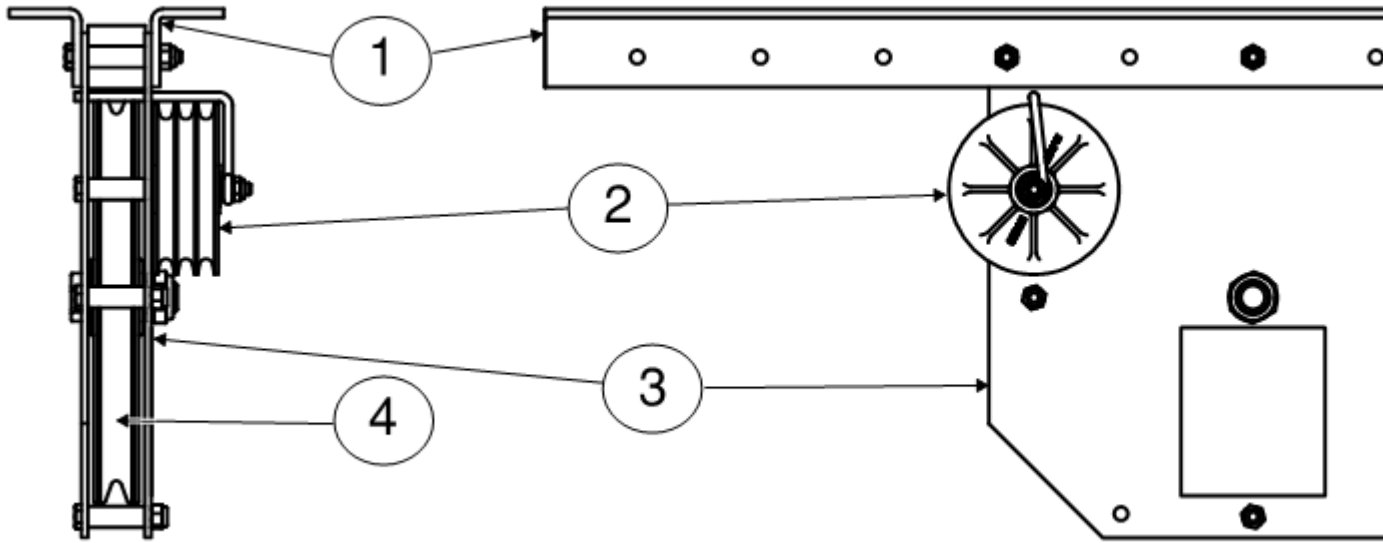
Choose one answer.

- A) Rated Working Load
- B) Rated Walking Load
- C) Right Walk Line
- D) Reduced Working Limit

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SAMPLE QUESTIONS

In Figure 1, Underhung Loft Block, the idler is indicated by the circled number:



Choose one answer.

- A) 1
- B) 2
- C) 3
- D) 4

Which is the best explanation of when someone is required to use a fall arrest system?

Choose one answer.

- A) When you are close to the edge of a roof or high platform
- B) When you are standing on a ladder
- C) When you are using a personnel lift
- D) Whenever one is exposed to a fall hazard

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SAMPLE QUESTIONS

Tying a bowline knot in synthetic rope:

Choose one answer.

- A) Decreases the overall rope strength by 75%
- B) Has no impact on overall rope strength
- C) Is useful for creating a fixed loop in the end of a line
- D) A and C

A pulley designed to adjust to structures at odd angles.

Choose one answer.

- A) Mule Block
- B) Pivot Block
- C) Loft Block
- D) Head Block

Line used to lift or control an out of balance line set.

Choose one answer.

- A) Bull Line
- B) Bowline
- C) Tag Line
- D) Breasting Line

A dynamic load:

Choose one answer.

- A) May include the self-weight of a structure as a whole, plus all the necessary components and coverings
- B) Changes in magnitude, direction, or location over time
- C) Increases the capacity of the lifting point
- D) Cannot exceed 200% of the capacity of the system in which it is installed