

Objectives: COURSE CA-006B RIGGING TRAINER DEVELOPMENT

Terminal Objective

At the conclusion of this course the attendee should be able to use the materials supplied by The Crosby Group to conduct applicable training sessions on the basic use and application of rigging products. Successful completion of this class will identify the individual to use Crosby training materials for a period not to exceed four (4) years from the date listed on the certificate of completion.

Enabling¹ Objectives

1. Recognize ASME B30.9 wire rope, chain and synthetic sling inspection criteria.
2. Identify the correct definition for “mechanical advantage” in block applications.
3. Determine correct number of “parts of line” when using crane blocks.
4. Determine total load place on crane blocks.
5. Recognize why a crane block or overhaul ball must weigh a minimum amount of weight.
6. Determine loading on snatch blocks when using one or two parts parts of line.
7. Determine minimum sling capacity of vertical, choker and basket hitches. Using wire rope, chain and synthetic slings.
8. Determine the efficiency and correct installation of Crosby wire rope end fittings. Including Wire rope clips, wedge sockets, swage and spelter sockets.
9. Calculate sling tension when C.O.G. in the middle between pick points. When load is rigged using a rigging triangle.
10. Determine correct size hardware for connection points at top of rigging triangle and connection points at the load.
11. Determine correct size of slings for attachment to the load.
12. Recognize Crosby Apple and Android Apps that are available to use.
13. Recognize Crosby CD ROM's and E-learning Tools available to use.
14. Recognize requirements to download Crosby PowerPoint files.
15. Recognize how to order Crosby training materials.
16. Recognize Crosby files available for download to attendees on web

End of Objective List
