

## Pre-Class Tool Assignment

### NFPA 1006 Reference

10.2.2\* Stabilize commercial/heavy vehicles and large machinery, given a vehicle and machinery tool kit and personal protective equipment, so that the vehicle or machinery is prevented from moving during the rescue operations; entry, exit, and tool placement points are not compromised; anticipated rescue activities will not compromise vehicle or machinery stability; selected stabilization points are structurally sound; stabilization equipment can be monitored; and the risk to rescuers is minimized.

(A) Requisite Knowledge. Types of stabilization devices, mechanism of heavy vehicle and machinery movement, types of stabilization points, types of stabilization surfaces, AHJ policies and procedures, and types of vehicle and machinery construction components as they apply to stabilization.

(B) Requisite Skills. The ability to apply and operate stabilization devices.

**OBJECTIVE:** The student will demonstrate knowledge in the capacities and operating parameters of his/her department's stabilization and lifting devices so that equipment used in training or emergency responses is operated within safe operating conditions.

**ASSIGNMENT:** The student will complete the attached spreadsheet listing his/her departments various stabilization and lifting devices, along with recommended and safe operating capacities and parameters as per the manufacturer's published recommendations and guidance. Copy/use additional sheets as necessary.

### **SPECIFIC TOOLS & EQUIPMENT\*:**

Cribbing	Tension Buttress Devices ("Struts")
Bottle Jacks	Mechanical Ratcheting Jacks
Air Bags	Winches (Cable & Chain)
Chains	Specialty Jacks (ex: Scissor Jacks)
Other	

\*If you have multiple sizes of a given tool, they are to be listed separately.

*This sheet should be completed **prior to** the first class session, as this information will be referred to throughout the classroom and practical skills portions of the class.*

