

## JOB SAFETY

### Objective:

This session will introduce students to the equipment, procedures, techniques and regulations that are intended to create a safe worksite. (4 hours)

- I      WHAT IS OSHA
  - A.    Definition-Compliance requirements
  
- II     Machine Guarding
  - A.    Protection from machine parts
  
- III    Fall Protection and Work Surfaces
  - A.    Video
  
- IV     Personnel Protective Equipment
  - A.    Certification
  - B.    Proper kind of equipment for job
  
- V      Hazard Communication
  - A.    Chemical safety
  
- VI     Excavations
  - A.    Protection from trench collapse
  
- VII    Confined Space
  
- VIII   Respiratory Protection
  - A.    What to wear
  - B.    Pre-testing
  
- IX     Fire Protecting
  - A.    Fire exiting
  - B.    Emergency action plan

## OSHA 10-Hour Training Exclusively for the Roadway Construction Industry

This program has been developed to fit the needs of the roadway construction industry, while meeting the requirements necessary for an OSHA-accredited 10-hour construction safety program. It was developed by the American Road & Transportation Builders Association, working with the nation's premier safety organization, the National Safety Council.

The American Road & Transportation Builders Association (ARTBA), founded in 1902, is the U.S. transportation construction industry's full service national association. From design to construction and maintenance, its members represent all sectors of transportation construction. ARTBA has been active and influential in traffic and worker safety programs since its founding. ARTBA's Traffic Safety Industry Division, organized in the 1970's, represents the nation's leading manufacturers of traffic and work zone safety equipment and products.

For a nearly a decade, ARTBA has worked in partnership with CNA Commercial Insurance to promote programs and safe work practices to reduce roadway construction accidents. Through ARTBA's Safety and Insurance Committee, and with significant support from CNA, ARTBA developed a comprehensive Safety Management Manual for this industry. That manual, recognized by OSHA, has received considerable industry praise and recognition.

The ARTBA *Transportation Development Foundation* operates the *National Work Zone Safety Information Clearinghouse* — an internationally recognized source of free information related to work zone safety — in partnership with the Texas Transportation Institute. The award-winning Clearinghouse can be located at <http://wzsafety.tamu.edu>. Additionally, ARTBA has organized several national conferences on roadway construction work zone safety in partnership with the Federal Highway Administration, the American Association of State Highway and Transportation Officials (AASHTO), and others.

The National Safety Council, founded in 1913, is a not-for-profit, public service organization dedicated to the safety and health of all people. Acknowledging the Council's first 40 years of operation as an Illinois non-profit corporation, an Act of Congress on August 13, 1953, chartered the National Safety Council as a body incorporated under Federal law. The mission of the National Safety Council is to educate and influence society to adopt safety, health and environmental policies, practices and procedures that prevent and mitigate human suffering and the economic losses arising from preventable causes.

In October of 1998, ARTBA and the National Safety Council signed an exclusive five-year alliance to work together to promote roadway work zone safety and develop products that will improve the safety and health of the nation's transportation construction workers. *OSHA 10-Hour Training Exclusively for the Roadway Construction Industry* is one of the programs that have been developed under this alliance.



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Safety  
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## Acknowledgements

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Program Outline:	Bradley Sant, Larry Liberatore, Michael Buchet – <i>National Safety Council</i>

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- CNA Commercial Insurance

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- 3M Company
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