## City of San Angelo 72W College Ave 2nd Floor San Angelo TX 76902

## TAILGATE/TOOLBOX SAFETY TRAINING

Safety Services Company-Safety Meeting Division, PO Box 6408 Yuma, AZ 85366-6408 Toll Free (866) 204-4786

#187108		
5	5	SAFETY SERVICES COMPANY

San Angelo 1X /6902	PO Box 6408 Yuma, AZ 85366-6408 Toll Free (866) 204-4786
Job Name:	Job Site Location:
Date: Time Started: Time Fit	nished: Foreman/Supervisor:
	ting and Shoring Operations (Part B)
<b>Introduction:</b> Excavation, trenching, and shoring operations are most of these hazards can be eliminated from the jobsite by properties.	statistically some of the most hazardous jobs in the construction industry. However, or work and safety techniques. All persons involved in excavation and shoring ctices and be able to recognize unsafe conditions when they occur.
The most common hazards of excavation and shoring	
	erials or tools falling into the trench  Personnel working too close together
	onnel falling into the trench  Hazardous atmospheres
	support systems of trench walls will prevent cave-ins. All of these systems must be
designed by a competent person or qualified engineer following (	OSHA guidelines. In addition, these precautions should be observed:
Manufactured material and equipment must be installed a used in accordance to manufacturer's recommendations.	If any part of a support system is in question, evacuate personnel from the trench immediately; work should not be resumed until
Shoring systems should be inspected regularly; workers sh report any damaged or defective equipment immediately	
■ Workers should watch for any flaking or signs of collapse	Workers should not climb or step on any part of a support system  Support systems should be carefully removed one member at a
trench walls or bulges in shoring or shields which would	time, beginning with the lowest components and progressing
indicate a potential for cave-in.	upward; backfill immediately after removal of support systems.
Material, Equipment, or tools falling into the trench	
, 1 1	ench and should be kept a distance equal to the height of the pile away from the trench.
■ Have equipment operators rake loose material from trench	
As the excavation progresses, erect safety barricades or ba	
■ Have equipment operators place excavated boulders and la	
	ging or lifting equipment, and must stand clear of loading operations.
If an equipment operator can not see the personnel in the	rench, use a spotter when loading or unloading material from the trench.
■ <b>Do not work</b> on slopes or benches at a level above other we	orkers. Do not place tools or equipment on trench edge.
Personnel Falling into the Trench -	
<b>Keep hands free</b> for climbing when using ladders to climb of the trench, do not hand carry tools or equipment on ladd	
Use walkways to cross trenches, do not attempt or leap from side of the trench to the other.	n one Equipment around excavation operations.
<ul><li>Keep areas on trench edges free of trip hazards.</li></ul>	Ensure that ladders are provided for easy access and egress.
	s of hoins struck by another worker's tool or cought in the same mishen
Personnel in trenches must be spaced adequately and safe interva	s of being struck by another worker's tool or caught in the same mishap. Is must be maintained. Add additional ladders for quick access and egress. In atmospheres may be encountered in deep trenches. If either are
encountered or are suspected to exist, atmosphere must be tested	before any personnel are allowed to enter. If fuel burning equipment ensure exhaust fumes are not being inhaled by workers in the trench.
	<i>urces</i> – utilities must be located and marked before excavation operations are initiated.
	tilities, the exact location must be determined (usually hand digging). When exposing
	s can easily puncture electrical cables or rupture gas lines; never apply lateral force.
	nust be protected, supported, or removed as necessary to safeguard employees.
	zard is suspected or spotted in an excavation. Situations must be immediately reported less. Follow these requirements for safe excavation and shoring operations.
V	Vork Site Review
	tests and verifies my understanding of and agreement to comply with, all company safety policies
and regulations, and that I have not suffered, experienced, or sustained any recent job-re.	