

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



Company Name:	Job Site Lo	ocation:	کنگ کیگ
Date: Start Time:	Finish Time: Foreman/S	upervisor:	
Date: Start Time: Finish Time: Foreman/Su **Topic 9: Beat the I** Introduction: In order to work safely and effectively during long, hot summer workdays, Over-exposure to high temperature and humidity levels during prolonged physical exertion as Heat Cramps, Heat Exhaustion, or Heat Stroke. Hyperthermia is the medical term used human body's core temperature to dangerous levels. Common sense and thoughtful sched related illnesses but sometimes the situation calls for first aid to get a person cooled-down *Operations involving very hot environments* or poorly ventilated work-spaces should be a (electrolytes) lost through heavy sweating must be continuously replaced. Commercially a Drinking plenty of these kinds of fluids and doing everything needed to keep your core both Let's take a look at the progressions of the three primary categories of Hyperthermia. ##EAT CRAMPS "Phase I" (also includes heat syncope) This condition results from over-exertion and heavy sweating. Heat Cramps are severe muscle spasms that often begin suddenly in the hands, calves, or feet; they are painful and disabling. This is caused from salt depletion as sweat losses are replaced by water alone. The muscles become hard, tense, and difficult to relax. #### HEAT EXHAUSTION "Phase II" (also called heat prostration) This condition results from prolonged exposure to extreme heat for many hours. This causes excessive fluid loss from heavy sweating, leading to increased fatigue, weakness, anxiety, drenching sweats, low blood pressure, faintness, and sometimes collapse. The over-heating is due to the electrolytic fluid loss that reduces blood volume, which lowers blood pressure and the pulse. ###################################		Supervisor: Heat s, certain precautions must be taken. In may result in heat disorders such defended to describe the over-heating of the duling is the best way to prevent heat in before serious injury or illness occurs. avoided during the peak heat hours of the day. Fluids and salts available sports drinks such as Gatorade contain the extra salts. ody temperature within manageable levels is imperative. THE HEAT EQUATION HIGH TEMPERATURE + HIGH HUMIDITY + PHYSICAL WORK = HEAT ILLNESS When the body is unable to cool itself through sweating, serious heat illnesses may occur. The most severe heat – induced illnesses are heat exhaustion and heat stroke. If actions are not ac	
Stroke is imminent when the core body thigher may result in coma, or even weakness, emotional instability, nauseavision, convulsions, collapse, and uncorthe touch, and at first may be covered withese warning signals. When it is determined a person is suffering from to reduce the victim's core body temperature in internal organs occurs. Hyperthermia is an emget the person out of the heat. Place cool damp	death. The symptoms are dizziness, alwomiting, confusion, delirium, blurred asciousness. The skin is flushed, hot to with sweat that soon dries. Be aware of the mediately and then control the secondary ergency situation, with death being a possi	bility! Contact Emerg	gency Medical Services immediately and
Conclusion: Although electrolyte loss is the real Avoid directing workers into extreme heat envette neck, continuous re-wetting of clothing, and	ironments. Proper conditioning, appropria d frequent water breaks are simple, but effo Work Site Revier	te clothing such as a bective methods to pre-	nead covering, wet bandana around vent Hyperthermia.
Work-Site Hazards and Safety Suggestion	s:		
Personnel Safety Violations:			
Material Safety Data Sheets Reviewed:			
Employee Signatures:	(My signature attests 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-related injury or illness.)		

Foreman/Supervisor's Signature:

The first aid information provided is intended to be general in nature and is based upon the "best available" guidelines. No results either general or specific are represented or guaranteed. These guidelines do not supercede local, state, or federal regulations and must not be construed as a substitute for, or-legal interpretation of, any OSHA regulations.