Caltech

Utility Tunnel Specific Heat Illness Prevention Plan

Supervisors shall develop and implement a Worksite Specific Heat Illness Prevention Plan for ongoing work occurring in the utility tunnels for more than one hour.

Department/Company: _____ **Supervisor:** _____

Worksite Description/Location: _____

Completed by: _____ **Date:** _____

Designated person:	
• **Conduct pre-shift meetings to review this plan** • **Remind employees to drink plenty of water** • **Remind employees to rest when needed**	• **Monitor employees for heat illness** • **Call Security (626-395-5000 or x5000 from campus landline) for any emergencies**

How will employees be provided access to sufficient drinking water? (At least one quart per employee per hour)

☐ **Plumbed water** ☐ **Water cooler** ☐ **Bottled water** ☐ **Other**

Describe:

How will employees be provided access to cool down areas when working in sections exceeding temperatures of 95°F? A cool down area is not considered adequate when heat in the area does not allow the body to cool.

☐ **Buildings or other manmade structures** ☐ **Vehicles with A/C** ☐ **Other**

Describe:

Acclimatization Methods and Procedures

All employees shall be closely observed by a supervisor or designee during work in the utility tunnels. Most tunnel sections hover around 85°F, however, there are various sections that get as hot as 120°F.

How will employees be monitored for alertness and signs or symptoms of heat illness?

☐ **Direct supervision** ☐ **Buddy system** ☐ **Reliable radio contact** ☐ **Other**

Describe:

Emergency Medical Procedures

How will effective communication be maintained so that employees at the worksite can contact their supervisor or Security if necessary? (Note: Most sections in the tunnels do not get reliable cell phone reception).

I certify that I have reviewed the above Heat Illness Prevention Plan for my worksite and have received adequate training on its implementation.

Employee Name	Employee Signature	Date