



STEAM TUNNEL SAFETY WORKING IN THE TUNNELS

TUNNEL WORK PLANNING SAFE PRACTICES

- All entrants must be confined space entrant trained.
- Develop a plan and schedule for the intended tunnel work.
- Determine exit plans.
- Determine if the work will introduce additional hazards and plan controls.
- Make a plan to control the hazards and determine appropriate PPE. All entrants at minimum, must wear safety glasses, a bump cap or hard hat, work gloves, and carry a flashlight.
- Do not enter and perform work alone in the tunnel system.
- A team pre-entry briefing should be done prior to all entries.
- Always have a reliable form of communication. Use either a radio, cell phone, or a check-in procedure.
- If an atmospheric hazard is introduced that cannot be controlled by adding ventilation, the entry must be done as a permit-required entry.
- During the summer a cooling plan must be in place. Work should be scheduled early morning and frequent breaks must be allowed in a shady place below 80 degrees.
- Any hot work in the tunnels requires a confined space permit and EH&S and Fire Marshal approval in advance by way of a hot work permit. Ventilation must be provided and 4-gas meters used to monitor the atmosphere. UCR Welders must wear a PAPR helmet.
- Any potential asbestos material damage or debris must be reported immediately.



EMERGENCIES

If an acute threat to safety and health is observed or perceived, all personnel shall immediately exit by the nearest means possible.

- Call 911 if there is an emergency situation. Make sure to notify the dispatcher that the emergency is in a confined space.
- Provide specific directions to closest entrance and have someone meet emergency personnel to escort them.
- Assist injured employees only if it is safe and you have the necessary training.
- Secure the entrances and alert anyone in the area.
- Contact Central Plant, a supervisor and EH&S.
- Do not re-enter the tunnel until an all clear has been provided.